

# **AFSC 2A6X1 AEROSPACE PROPULSION**



## **CAREER FIELD EDUCATION AND TRAINING PLAN**

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**CAREER FIELD EDUCATION AND TRAINING PLAN  
AEROSPACE PROPULSION,  
AFSC 2A6X1  
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**CAREER FIELD EDUCATION AND TRAINING  
PLAN AEROSPACE PROPULSION  
AFSC 2A6X1**

**PART I**

***PREFACE***

**1.** This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for 2A6X1, Aerospace Propulsion specialty. The CFETP will provide personnel a clear career path to success and instills rigor in all aspects of career field training. This CFETP supersedes 2A6X1 (C/D/E/F/G) and 2A6X1 (H) CFETPs, both dated 1 Oct 15. To read, review, or print a copy of the current CFETP, go to the Air Force e-Publishing Website at: <http://www.e-publishing.af.mil/> and search for 2A6X1.

NOTE: Civilians occupying associated positions will use Part II to support duty position qualification training.

**2.** The CFETP consists of two parts. Supervisors will use both parts to plan, manage, and control training.

**2.1.** Part I provides information necessary for overall management of the specialty. Section A explains how supervisors, trainers, and trainees will use this plan. Section B identifies Air Force Specialty (AFS) progression information, duties and responsibilities, training and education strategies, and career path. Section C associates each skill level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints to accomplishing this plan, such as funds, manpower, equipment, and facilities.

**2.2.** Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, technical references to support training; Air Education and Training Command (AETC) conducted training, wartime course/core task and correspondence course requirements. Section B contains the course objective list and training standards supervisors will use to determine if airmen have satisfied training requirements. Section C identifies available support materials, such as Qualification Training Package (QTP) which may be developed to support proficiency training. Section D identifies a training course index that supervisors can use to determine if resources are available to support training. Included here are both mandatory and optional courses. Section E identifies MAJCOM unique training requirements supervisors can use to determine additional training required for the associated qualification needs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

**3.** The guidance provided in this CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs.

## ***ABBREVIATIONS/TERMS EXPLAINED***

**Advanced Training:** Formal course for individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills and knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of the AFS.

**Air Force Job Qualification Standard (AFJQS):** A comprehensive task list describing a particular job type or duty position. Supervisors use the AFJQS to document task qualifications. The tasks of AFJQS are common to all individuals serving in the described duty position.

**Career Field Education and Training Plan (CFETP):** A CFETP is a comprehensive core training document that identifies: life-cycle education and training requirements; training support resources, and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training.

**Continuation Training:** Additional advanced training exceeding the minimum upgrade training requirements with emphasis on present or future duty assignments.

**Core Task:** Tasks the AFCFM identify as minimum qualification requirements for everyone within an AFSC, regardless of duty position. Core tasks may be specified for a particular skill level or in general across the AFSC. Guidance for using core tasks can be found in the applicable CFETP narrative.

**Course Objective List (COL):** A publication derived from initial and advanced skills CTS, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3- or 7-skill level in this career field. Supervisors use the CoL to assist in conducting graduate evaluations.

**Course Training Standard (CTS):** Training standard that identifies the training members will receive in a specific course.

**Enlisted Specialty Training (EST):** A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

**Exportable Course:** Instructional packages that personnel design for use in the field. The course may include printed, computer-based, or other audiovisual materials.

**Field Training (Type 4):** Technical, operator, and other training either a TD or field training team conducts at operational locations on specific systems and associated direct-support equipment for maintenance and aircrew personnel.

**Field Training (Type 7):** Field training conducted by mobile training team (MTT).

**Initial Skills Training:** A formal school course that results in an AFSC 3-skill level award for enlisted or mandatory training for upgrade to qualified officers.

**Instructional System Development (ISD):** A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. It ensures that personnel

are taught in a cost-efficient way the knowledge, skills, and attitudes essential for successful job performance.

**MAJCOM Mandatory Course List (MMCL):** Courses that the Major Command of assignment identifies as mandatory requirements for an Air Force Specialty while assigned.

**Occupational Analysis:** Collecting and analyzing factual data on the tasks and/or knowledge's performed by Air Force career fields. This data is used to provide personnel and training decision-makers with factual and objective job information which enables them to justify and/or change personnel utilization policies and programs, refine and maintain occupational structures, and establish, validate, and adjust testing and training programs. It is reported in an Occupational Analysis Report (OAR).

**On-the-Job Training (OJT):** Hands-on, "over-the-shoulder" conducted to certify personnel in both upgrade (skill level award) and job qualification (position certification training).

**Qualification Training (QT):** Hands-on performance training designed to qualify an Airman in a specific position. This training occurs both during and after upgrade training to maintain up-to-date qualifications.

**Qualification Training Package (QTP):** An instructional package designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer-based, or in other audiovisual media.

**Resource Constraints:** Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

**Specialty Training Standard (STS):** An AF publication that describes an AFS in terms of tasks and knowledge an Airman in that specialty may be expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AFS. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools and correspondence courses.

**Training Business Area (TBA):** TBA is a Net-Centric, Global Combat Support Systems Air Force (GCSS-AF) Integration Framework (IF) Web-Based application providing Air Force War fighters with global, real-time visibility into technical qualifications, certifications and training status Air Force wide. TBA supports base, wing and work center level training management activities by automating training management business processes. The primary users will be any personnel directly involved in base level training management activities.

**Type Make Series Modification (TMSM):** Standard nomenclature for engines according to MIL-HDBK-1812 (formerly MIL-STD-879).

**Training Setting:** The type of forum in which training is provided (formal resident school, on-the-job, field training, mobile training team, self-study, etc.).

**Upgrade Training:** A mixture of mandatory courses, task qualification, QTPs, and CDCs required for award of the 3-, 5-, 7-, or 9-skill levels.

**Utilization and Training Workshop (U&TW):** A forum, co-chaired by the AFCFM and Training Pipeline Manager, of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

## ***SECTION A - GENERAL INFORMATION***

**1. Purpose:** This CFETP provides the information necessary for Air Force Career Field Manager (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSC 2A6X1 should receive in order to develop and progress throughout their career. This CFETP identifies initial skill, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by AETC at Sheppard AFB, TX. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in- residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

- 1.1.** Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.
- 1.2.** Identifies tasks and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career
- 1.3.** Lists training courses that are available in the specialty and identifies sources of training, and the training delivery method.
- 1.4.** Identifies major resource constraints which impact full implementation of the desired career field training process.

**2. Use of the CFETP:** This plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

**2.1.** AETC training personnel will develop or revise formal resident, non-resident, Training Detachment (TD), and exportable training based upon requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining the resources needed to provide the identified training.

**2.2.** MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable courses can satisfy these identified requirements. MAJCOM developed training, to support this AFSC, must be identified for inclusion in this plan, and must not duplicate other available training resources.

**2.3.** Each individual will complete the mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.

**3. Coordination and Approval:** The AFCFM is the approval authority. The AETC training manager for AFSC 2A6X1 will initiate an annual review of this document by AETC and MFM to ensure currency and accuracy. The using MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training.

## ***SECTION B - AFS PROGRESSION AND INFORMATION***

### **4. Specialty Descriptions**

**4.1. Specialty Summary:** Air Force Enlisted Classification Directory (AFECD): Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small gas turbine engines, and engine ground support equipment (SE). Manages aerospace propulsion functions and activities. Related DOD Occupational Subgroup: 160100.

**4.2. Duties and Responsibilities:** Refer to (AFECD), paragraph 2.

**4.2.1.** Plans, organizes, and directs aerospace propulsion maintenance activities. Interprets and implements directives and publications pertaining to maintenance functions, including environmentally safe maintenance practices. Determines resource requirements, including facilities, equipment, and supplies. Inspects and evaluates maintenance activities.

**4.2.2.** Advises, performs troubleshooting, performs engine health management, and determines repair procedures on aircraft engines. Diagnoses and repairs malfunctions using technical publications and Interactive Electronics Technical Manuals (IETMS). Solves maintenance problems by studying drawings, wiring and schematic diagrams, technical instructions, and analyzing operating characteristics of aircraft engines and propellers. Inspects, certifies, and approves completed maintenance actions.

**4.2.3.** Removes, installs, inspects, repairs, and modifies engines, engine modules and components, and propellers and propeller components. Disassembles and assembles engines and propellers adhering to prescribed procedures. Prepares engines and propellers for installation, storage, or transportation. Tests components using bench mockups and test equipment. Installs and removes engines on test stands, and operates, evaluates, and performs test stand functions on engines. Accomplishes operator maintenance on test stands. Inspects and maintains engine ground SE. Operates and performs operator inspections on related SE. Selects, uses, and cares for special tools, hand tools, and test equipment. Uses and disposes of hazardous waste and materials.

**4.2.4.** Analyzes, interprets, and recommends maintenance actions based on unscheduled engine removals and engine monitoring system data. Coordinates with the base engine manager to analyze scheduled engine removals; recommends forecast actions to the weekly or monthly maintenance schedules.

**5. Skill/Career Progression:** Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, develop, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each

individual receives viable training at appropriate points in their career.

**5.1. Apprentice (3-level):** Upon completion of initial skills training, a trainee will work with a trainer to enhance their knowledge and skills. They will utilize the Career Development Course, Task Qualification Training, and available exportable courses for continued advancement. Once task qualified, a trainee may perform the task unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.

**5.2. Journeyman (5-level):** Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned to various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weighted Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

**5.3. Craftsman (7-level):** A craftsman can expect to fill various supervisory and management positions such as shift leader, element NCOIC, flight/section chief, and task certifier. They can also be assigned to work in staff positions such as quality assurance. Craftsmen should take courses to obtain added knowledge on management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will complete the Noncommissioned Officer Academy.

**5.4. Superintendent (9-level):** A 9-level can be expected to fill positions such as flight chief, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Additional higher education and completion of courses outside their career AFSC are also recommended.

**6. Training Decisions:** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aerospace Propulsion career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were based on a career field utilization and training workshop at Sheppard Air Force Base, Texas from 30 July – 2 August 2018.

## **6.1. Initial Skills:**

**6.1.1.** The **J3ABR2A631C048D** (High Bypass) course length remained at 40 days, subject to validation. The course title changed from Aerospace Propulsion Apprentice (TF33, TF34) to Aerospace Propulsion Apprentice (High Bypass). Status of Reports and Training (SORTS) was changed to Defense Readiness Reporting Program (DRRS). There were a number of deletions and additions to the initial skills course including multiple changes in levels of training.

**Additions/Increased Training included:** Restraint Harness, Select/Use Calipers, Inspect Oil Filter/Chip Detector/Magnetic Drain Plug, and Remove/Inspect/Install Engine Electrical Cable Harness. F117: Service/Inspect Engine Oil System, Service/Inspect Engine Start System,

Service/Inspect Engine IDG System, Engine Maintenance Theory, and Blend/Repair 1<sup>st</sup> Stage Blades were added. F108: Constructional Features, Engine Systems, Engine Monitoring System Theory, Oil Tank Service, Compressor Bleed System Theory, Fan Blade Repair (Blend), Anti-ice System Theory, Engine Starter Service were added.

**Deletions/Decreases included:** Maintenance Resource Management, Obtain Engine Oil Sample were deleted from training. TF34 Constructional Features and Engine Systems, F117 Constructional Features and Engine Systems, and TO Systems were decreased in training.

Items were dual coded from the TF34 to the F117 and F108 to identify future requirements as resources become available. **Dual Coded Training:** TF34: Remove/Inspect Install-Fuel Pump, Remove/Inspect/Install-Fuel Control, Remove/Inspect/Install-Fuel Nozzles (External), Remove/Inspect/Install-Exciter, Remove/Inspect/Install-Igniter Plug, Remove/Inspect/Install-FWD/AFT Spinner, Remove/Inspect/Install-Fan Disk, Remove/Inspect/Install-Fan Blades, Remove/Inspect/Install-Engine Starter, Remove/Inspect/Install-Engine Control Valve. F117: Open/Close Accessory Doors, Remove/Inspect/Install-Starter, Remove/Inspect/Install-Starter Control Valve, Remove/Inspect/Install-Gearbox Scavenge Oil Pump, Remove/Inspect/Install-FWD/AFT Section, Remove/Inspect/Install-Electronic Engine Control, Remove/Inspect/Install-Engine Igniter, Remove/Inspect/Install-Fuel Control, Remove/Inspect/Install-Fuel Pump, Remove/Inspect/Install-Ignition Exciter, Remove/Inspect/Install-Integrated Drive Generator, Remove/Inspect/Install-Engine Chip Detector, Remove/Inspect/Install-1<sup>st</sup> Stage Fan Blades, Open and Close Fan Thrust Reverser Duct Assembly. F108: Remove/Inspect/Install-Fuel Pump, Remove/Inspect/Install-Main Engine Control Hydro-Mechanical Unit, Remove/Inspect/Install-Fuel Nozzles (External), Remove/Inspect/Install-Exciter, Remove/Inspect/Install-Igniter Plug, Remove/Inspect/Install-Oil Pump, Remove/Inspect/Install-Front Spinner Cone, Remove/Inspect/Install-Rear Spinner Cone, Remove/Inspect/Install-Fan Blade, Remove/Inspect/Install-Engine Starter, Remove/Inspect Install-Starter Control Valve, Remove/Inspect Install-Chip Detectors.

**6.1.2.** The **J3ABR2A631D049D** (F100) course length remained at 64 days, subject to validation. Status of Reports and Training (SORTS) was changed to Defense Readiness Reporting Program (DRRS). There were a number of deletions and additions to the initial skills course including multiple changes in levels of training.

**Additions/Increased Training included:** Restraint Harness, Select/Use Calipers, Inspect Oil Filter/Chip Detector/Magnetic Plug, and Remove/Inspect/Install Engine Electrical Cable Harness were added.

**Deletions/Decreases included:** Maintenance Resource Management and Obtain Engine Oil Sample were deleted from training. TO Systems were decreased in training.

**6.1.3.** The **J3ABR2A631E050D** (F110) course length remained at 62 days, subject to validation. Status of Reports and Training (SORTS) was changed to Defense Readiness Reporting Program (DRRS). There were a number of deletions and additions to the initial skills course including multiple changes in levels of training.

**Additions/Increased Training included:** Restraint Harness, Select/Use Calipers, Inspect Oil Filter/Chip Detector/Magnetic Plug, and Remove/Inspect/Install Engine Electrical Cable Harness, were added.

**Deletions/Decreases included:** Maintenance Resource Management and Obtain Engine Oil Sample were deleted from training. TO Systems were decreased in training.

**6.1.4.** The **J3ABR2A631H048C** (T56) course length remained at 73 days, subject to validation. Status of Reports and Training (SORTS) was changed to Defense Readiness Reporting Program (DRRS).

**Additions/Increased Training included:** Select/Use Calipers, APU/GTC Constructional Features, AE2100D: Remove/Install Starter Control Valve, Remove/Install Propeller Gearbox Scavenge Oil Filter, Remove/Install Power Section Scavenge Oil Filter, Remove/Install Propeller Gearbox Pressure Filter Impending Bypass Valve, Remove/Install Propeller Gearbox Chip Detector, Remove/Install Full Authority Digital Electronic Control (FADEC), Remove/Install Anti-Icing Air Valve, Remove/Install Propeller Gearbox Vibration Sensor, Remove/Install Nacelle Interface Unit (NIU), Remove/Install Propeller Assembly, Remove/Install Pitch Control Unit (PCU), Remove/Install PCU Pressure Switch, Remove/Install Spinner, and Remove/Install Beta Tube were added.

**Deletions/Decreases included:** Maintenance Resource Management, Maintenance Incident Prevention and Investigation, T56 Remove/Inspect/Install Reduction Gearbox, Remove/Install Control Assembly, Remove/Install Rear Lip Seal, Remove/Install Front Cover Seal, Remove/Install Valve Housing Assembly, Remove/Install Propeller Supply and Standby Filter, T700 Operational Fundamentals and Constructional Features, were deleted from training. TO Systems, and T56 Constructional Features were decreased in training.

**6.2. Five-Level Upgrade Training:** The STRT members voted to discontinue the 5-lvl CDCs.

**6.3. 7-Level Upgrade Training:** The STRT members voted to discontinue the 7-lvl CDCs.

**7. Community College of the Air Force (CCAF):** CCAF is one of several federally chartered degree-granting institutions. However, it is the only 2-year institution exclusively serving military enlisted personnel. The college is regionally accredited through Air University by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award AAS degrees designed for specific Air Force occupational specialties and is the largest multi-campus community college in the world. Upon completion of basic military training and assignment to an AF career field, all enlisted personnel are registered in a CCAF degree program and are afforded the opportunity to obtain an Associate in Applied Science degree. In order to be awarded, degree requirements must be successfully completed before the student separates from the Air Force, retires, or is commissioned as an officer. See the CCAF website for details regarding the AAS degree programs at <http://www.au.af.mil/au/barnes/ccaf/>.

**7.1. CCAF Degree Requirements:** All enlisted airmen are automatically entered into the CCAF program. Prior to completing an associate degree, the 5-level must be awarded and the following requirements must be met:

|                                                   | <u>Semester Hours</u> |
|---------------------------------------------------|-----------------------|
| Technical Education .....                         | 24                    |
| Leadership, Management, and Military Studies..... | 6                     |
| Physical Education .....                          | 4                     |
| General Education .....                           | 15                    |
| Program Elective .....                            | 15                    |
|                                                   | Total: 64             |

**7.1.1. Technical Education (24 Semester Hours):** Completion of the career field apprentice course satisfies some semester hours of the technical education requirements. A minimum of 24 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied

from Technical Core/Technical Elective courses. Some academic degree programs have specific technical education requirements. Refer to the CCAF General Catalog for specific degree requirements for your specialty.

**7.1.2. Leadership, Management, and Military Studies (6 Semester Hours):** Enlisted Professional Military Education (EPME) and/or civilian management courses.

**7.1.3. Physical Education (4 Semester Hours):** This requirement is satisfied by completion of Basic Military Training.

**7.1.4. General Education (15 Semester Hours):** Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

**7.1.5. Program Elective (15 Semester Hours):** Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. A maximum of nine semester hours of CCAF degree applicable technical credit otherwise not applicable to the program of enrollment may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

**7.1.6. Residency Requirement (16 Semester Hours):** Satisfied by credit earned for coursework completed in an affiliated school or through internship credit awarded for progression in an Air Force occupation specialty. Enlisted members attending Army, Navy, and/or DOD initial or advanced training do not receive resident credit since these schools are not part of the CCAF system. However, the college awards proficiency credit to AF enlisted members completing these courses. Note: Physical education credit awarded for basic military training is not resident credit.

**7.2. Professional Certifications:** Certifications assist the professional development of our Airmen by broadening their knowledge and skills. Additionally, specific certifications may be award collegiate credit by CCAF and civilian colleges, saving time and Air Force tuition assistance funds. It also helps airmen to be better prepared for transition to civilian life. To learn more about professional certifications and certification programs offered by CCAF, visit <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. In addition to its associate degree program, CCAF offers the following certification programs and resources:

**7.2.1. CCAF Instructor Certification (CIC) Program:** CCAF offers the three-tiered CIC Program for qualified instructors teaching at CCAF affiliated schools who have demonstrated a high level of professional accomplishment. The CIC is a professional credential that recognizes the instructor's extensive faculty development training, education and qualification required to teach a CCAF course, and formally acknowledges the instructor's practical teaching experience.

**7.2.2. CCAF Instructional Systems Development (ISD) Certification Program:** CCAF offers the ISD Certification Program for qualified curriculum developers and managers who are formally assigned at CCAF affiliated schools to develop and manage CCAF collegiate courses. The ISD Certification is a professional credential that recognizes the curriculum developer's or manager's extensive training, education, qualifications and experience required to develop and manage CCAF courses. The certification also recognizes the individual's ISD qualifications and experience in

planning, developing, implementing and managing instructional systems.

**7.2.3. CCAF Professional Manager Certification (PMC):** CCAF offers the PMC Program for qualified Air Force NCOs. The PMC is a professional credential awarded by CCAF that formally recognizes an individual's advanced level of education and experience in leadership and management, as well as professional accomplishments. The program provides a structured professional development track that supplements Enlisted Professional Military Education (EPME) and Career Field Education and Training Plan (CFETP).

**7.2.4. Federal Aviation Administration (FAA) Airframe and Powerplant (A&P) Certification:**

Air Force aircraft maintenance technicians are eligible to pursue FAA A&P certification based on training and experience in accordance with Title 14, Code of Federal Regulations (CFR), Part 65. The DoD established the Joint Service Aviation Maintenance Technician Certification Council (JSAMTCC) to standardize the eligibility and certification process for the military and provide direction and resources necessary to fill the gaps within military training and experience. Completing the Air Force A&P Certification Program, managed by CCAF, will fill training and experience gaps, ensuring FAA eligibility. The program consists of three Air University Online A&P Specialized Courses, OJT and experience requirements contained in a Qualification Training Package (QTP). Technicians may enroll in the program once they have been awarded the 5-skill level. To learn more, visit CCAF at <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. CCAF awards 30 semester hours for FAA A&P certification and 18 semester hours for FAA Airframe or Powerplant certification.

**7.2.5. SpaceTEC Aerospace Technician Certification:** Air Force aircraft maintenance technicians are eligible to pursue SpaceTEC Aerospace Technician certification based on aviation training and experience. SpaceTEC certification is endorsed by NASA and the Aerospace industry. Air University Online offers a Specialized Course to assist technicians prepare for the Aerospace Technician certification exams. CCAF awards 25 semester hours for the SpaceTEC Aerospace Technician certification. To learn more, visit SpaceTEC at <https://www.spacetec.us>.

**7.2.6. National Center for Aerospace & Transportation Technologies (NCATT)**

**Certifications:** Air Force aircraft maintenance technicians are eligible to pursue multiple NCATT certifications based on aviation avionics and electronics training and experience. NCATT certifications are endorsed by the aviation avionics industry. CCAF awards 5 semester hours for the NCATT Aircraft Electronics Technician certification. To learn more, visit NCATT at <http://www.ncatt.org>.

**7.3. Air Force Credentialing Opportunities On-Line (AF COOL):** AF COOL replaced the CCAF Credentialing and Education Research Tool (CERT). The AF COOL Program is managed by CCAF and provides a research tool designed to increase an Airman's awareness of national professional credentialing and funding opportunities available for all Air Force occupational specialties. AF COOL also provides information on specific occupational specialties, civilian occupational equivalencies, AFSC-related national professional credentials, credentialing agencies, and professional organizations. AF COOL contains a variety of information about credentialing and licensing and can be used to:

- Get background information about civilian licensure and certification in general and specific information on individual credentials including eligibility requirements and resources to prepare for an exam.

- Identify licenses and certifications relevant to an AFSC.
- Learn how to fill gaps between Air Force training and experience and civilian credentialing requirements.
- Get information on funding opportunities to pay for credentialing exams and associated fees.
- Learn about resources available to Airmen that can help them gain civilian job credentials.

To learn more about AF COOL and funding processes, visit:

<https://afvec.us.af.mil/afvec/Public/COOL/Default.aspx>.

## 8. Career Path

**8.1. Enlisted Career Path:** Table 8.1 identifies career milestones for 2A6X1 Specialty.

| Table 8.1 Enlisted Career Path                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                        |                                  |                 |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|---------------------------|
| Education and Training Requirements                                                                                                                                                                                                                   | Grade Requirements                                                                                                                                                                                                                                                                                                     |                                  |                 |                           |
|                                                                                                                                                                                                                                                       | Rank                                                                                                                                                                                                                                                                                                                   | Average Sew-On                   | Earliest Sew-On | High Year Of Tenure (HYT) |
| <b>Basic Military Training School</b>                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                        |                                  |                 |                           |
| <b>Apprentice Technical School (3-Skill Level)</b>                                                                                                                                                                                                    | Amn<br>A1C                                                                                                                                                                                                                                                                                                             | 6 months<br>10 months            |                 |                           |
| <b>Upgrade To Journeyman (5-Skill Level)</b><br>- Minimum 12 months on-the-job training.<br>- Minimum 9 months on-the-job training for retrainees.<br>- Complete all 5-level core tasks on one TMSM.<br>- Complete appropriate CDC if/when available. | Amn<br>A1C<br>SrA                                                                                                                                                                                                                                                                                                      | 6 months<br>10 months<br>3 years | 28 months       | 8 Years                   |
| <b>Airman Leadership School (ALS)</b><br>- Must be a SrA with 48 months time in service or be an SSgt Selectee.<br>- Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).                                                        |                                                                                                                                                                                                                                                                                                                        |                                  |                 |                           |
| <b><u>Trainer</u></b><br>- Qualified to perform the task to be trained.<br>- Must attend formal AF Trainer Course.<br>- Recommended by the supervisor.                                                                                                | <b><u>Certifier</u></b><br>- Possess at least an SSgt with a 5-skill level or civilian equivalent.<br>- Must attend AF Training Course.<br>- Be a person other than the trainer except for AFSCs, duty positions, units, and/or work centers with specialized training standardization and certification requirements. |                                  |                 |                           |
| <b>Upgrade To Craftsman (7-Skill Level)</b><br>- Minimum rank of SSgt.<br>- Time in training is determined by the Career Field Manager.<br>- Complete Career Development Course if applicable.<br>- Attend Craftsman course, if applicable.           | SSgt                                                                                                                                                                                                                                                                                                                   | 7.5 years                        | 3 years         | 15 Years                  |

|                                                                                                                                                                                                                                                |       |            |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|----------|
| <b>Noncommissioned Officer Academy (NCOA)</b><br>- Must be a TSgt or TSgt Selectee.<br>- Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).                                                                             | TSgt  | 12.5 years | 5 years  | 20 Years |
|                                                                                                                                                                                                                                                | MSgt  | 16 years   | 8 years  | 24 Years |
| <b>USAF Senior NCO Academy (SNCOA)</b><br>- Must be a SMSgt or SMSgt Selectee.<br>- Resident graduation is a prerequisite for SMSgt sew-on (Active Duty Only).<br><b>Upgrade to Superintendent (9-Skill Level)</b><br>- Minimum rank of SMSgt. | SMSgt | 19.2 years | 11 years | 26 Years |
|                                                                                                                                                                                                                                                | CMSgt | 21.5 years | 14 years | 30 Years |

**8.2. Maintenance Badge:** The maintenance badge will be awarded in conjunction with skill-level upgrade. Maintainers currently wearing the badge that do not meet this new criteria may continue to wear the badge, essentially grandfathered-in, but all future award or upgrade of the badge will be at the prescribed skill-level:

- Basic: Wear the basic badge after award of the 5-skill-level
- Senior: Wear the senior badge after award of the 7-skill-level
- Master: Wear the master badge after award of the 9-skill-level

## **SECTION C – SKILL LEVEL TRAINING REQUIREMENTS**

**9. Purpose:** Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific tasks and knowledge training requirements are identified in Part II, Sections B and E, of this CFETP.

## **10. Specialty Qualification Requirements**

### **10.1. Apprentice Level Training**

**10.1.1. Specialty Qualification:** This information will be located in the official specialty description in AFECD, paragraph 3.

**10.1.2. Knowledge:** To perform the duties at the 3-skill level, basic knowledge of mechanical, hydro mechanical, electrical, and hydraulics principles applying to jet and turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste and materials under close supervision until they are task qualified.

**10.1.3. Education:** For entry into this specialty, completion of high school, with courses in general science, mechanics, or mathematics is desirable.

**10.1.4. Training:** For award of AFSC 2A631C/D/E/H, completion of J3ABR2A631C048D, J3ABR2A631D049D, J3ABR2A631E050D, or J3ABR2A631H048C Aerospace Propulsion Apprentice course is mandatory.

**10.1.5. Experience:** There is no experience necessary for entry into AFSC 2A631C/D/E/H.

**10.1.6. Other:** For entry into this specialty normal color vision as defined in AFI 48-123, *Medical Examination and Standards* is required. See Attachment 4 of the AFECD for additional entry requirements. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*. Specialty requires routine access to Secret material or similar environment. For award and retention of AFSC 2A6X1, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI 31-501, *Personnel Security Program Management*. **NOTE:** Award of the 3-skill level without a completed NACLC is authorized provided an interim Secret security clearance has been granted according to AFI 31-501.

**10.1.7. Training Sources:** The 3-level initial skills course will provide the required knowledge and qualification. Initial skills training encompasses theory and operating principles, system operation, component removal and operation, introduction to general flight line maintenance practices, use of technical publications, maintenance documentation, and support equipment familiarization and use.

**10.1.8. Implementation:** Upon graduation from Basic Military Training (BMT), completion of J3ABR2A631C048D, J3ABR2A631D049D, J3ABR2A631E050D, or J3ABR2A631H048C is required to satisfy the knowledge and training resource requirements for award of the 3-skill level.

## **10.2. Journeyman Level Training**

**10.2.1. Specialty Qualification:** This information will be located in the official specialty description in AFECD.

**10.2.2. Knowledge:** In addition to the 3-level qualifications, a 5-level must be task qualified on inspecting engine components, systems, correcting system malfunctions, repairing and replacing system components, operational checks, and the use and maintenance of test and support equipment.

**10.2.3. Education:** There are no additional education requirements beyond those defined for the apprentice level.

**10.2.4. Training:** For award of AFSC 2A651(C, F, or H), requires the completion of all core tasks. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS.

**10.2.5. Experience:** Qualification in and possession of AFSC 2A631C/D/E/H. Completion of all 5-level core tasks identified in the STS is mandatory. Also, experience in functions such as installing, maintaining, or repairing aircraft turbine engines or propellers.

**10.2.6. Other:** Not Used.

**10.2.7. Training Sources:** Completion of 5-level core tasks are for award of the 5-skill level.

**10.2.8. Implementation:** Training to the 5-level is performed by the units utilizing this STS,

and exportable courses. Upgrade to the 5-level requires no minimum and a 15 month maximum time requirement for upgrade and retrainees (RegAF). There is no minimum/maximum time requirement for Air Reserve Command (ARC).

### **10.3. Craftsman Level Training**

**10.3.1. Specialty Qualification:** This information will be located in the official specialty description in AFECD, paragraph 3.

**10.3.2. Knowledge:** In addition to 5-level qualifications a 7-level must possess advanced skills and knowledge of: theory, concepts, principles, and application of engine maintenance. The 7-level must be able to supervise and train personnel to maintain engines. The 7-level must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques.

**10.3.3. Education:** There are no additional education requirements beyond those defined for the apprentice level.

**10.3.4. Training:** Completion of the 7-level core tasks are mandatory for upgrade to 2A671C/F/H.

**10.3.5. Experience:** Qualification in and possession of AFSC 2A651(C, F, or H). Completion of all 5- and 7-level core tasks identified in the STS is mandatory. Also, experience performing or supervising functions involving installation, repair, testing, or modification of engines or propellers.

**10.3.6. Other:** Not Used.

**10.3.7. Training Sources:** Not Used.

**10.3.8. Implementation:** Training to the 7-level is performed by the units utilizing this STS. Upgrade to the 7-level requires no minimum and an 8 month maximum time requirement for upgrade and retrainees (RegAF). There is no minimum/maximum time requirement for Air Reserve Command (ARC).

### **10.4. Superintendent Level Training**

**10.4.1. Specialty Qualification:** This information will be located in the official specialty description in AFECD, paragraph 3.

**10.4.2. Knowledge:** In addition to 7-level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance. The 9-level needs to be an effective leader; must be able to forecast, budget and manage funds and other resources; and must be knowledgeable of federal and local environmental standards and ensure adherence to the proper handling and disposal of hazardous materials.

**10.4.3. Education:** There are no additional education requirements beyond those defined for the apprentice level.

**10.4.4. Training:** Must be at least a Senior Master Sergeant (SMSgt) and meet mandatory requirements listed in the AFECD, be recommended by their supervisor and approved by their commander for award of the 9-skill level.

**10.4.5. Experience:** For award of AFSC 2A691, qualification in and possession of AFSC 2A671F is mandatory. For award of AFSC 2A591, qualification in and possession of AFSC 2A671C/H is mandatory. Also, experience in managing or directing repair activities for aerospace aircraft engines and associated maintenance functions.

**10.4.6. Other:** Not Used.

**10.4.7. Training Sources:** Instruction received at the SNCOA and duty position qualifications represent the requirements for upgrade to the 9-skill level.

**10.4.8. Implementation:** The 9-level will be awarded after promotion to SMSgt.

## ***SECTION D - RESOURCE CONSTRAINTS***

**11. Purpose:** This section of the CFETP identifies known resource constraints, which preclude optimum and desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

**12. Apprentice Level Training:** No resource constraints identified.

**13. Journeyman Level Training:** No resource constraints identified.

**14. Craftsman Level Training:** No resource constraints identified.

## **PART II**

### ***Section A - Specialty Training Standard (STS)***

**1. Implementation Procedures:** This STS will be used for technical training provided by Air Education and Training Command for the following classes: Course J3ABR2A631C048D (High Bypass), J3ABR2A631D049D (F100), J3ABR2A631E050D (F110), J3ABR2A631H048C beginning expected to begin 1 October 2019.

**2. Purpose/Proficiency Code Key Explanations:** As prescribed in AFI 36-2651, this STS:

**2.1.** Lists in column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level. An asterisk (\*) before the number indicates a wartime course objective.

**2.2.** An asterisk (\*) in column 2 identifies specialty-wide training requirements core tasks. Tasks marked with \*/R are deferrable for ANG /AFRC until training capability becomes available;

MAJCOM Functional Managers, commanders, and supervisors may designate additional tasks as necessary. Third-party certification of core tasks is no longer an Air Force requirement for this specialty. However, MAJCOMs, commanders, and workcenter supervisors still retain the option to designate critical tasks requiring third-party certification. To designate a task as requiring third-party certification, identify the appropriate task in the core task column on the specialty training standard (STS) portion of the CFETP in the master task list (MTL) and individual training records. If the task is not already designated as a core task, identify the task in the core task column.

**2.2.1.** Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training).

**2.2.2.** For units with more than one mission design (e.g. A-10) aircraft, upgrade trainees need only complete core tasks on a single mission design/TMSM. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design aircraft, if desired. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft. Flightline-assigned personnel must complete backshop core tasks and vice versa. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

**2.2.3.** Units will complete the Computer Based Training (CBT) core tasks applicable to the system in use and are not required to complete both. Locations with both IMDS and G081 will only train on the system applicable to their MDS/TMSM. This training is available by access from the Air Force Portal.

**2.2.4.** Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use IMDS/G081 to document technician qualifications, if available. Task certification must show a certification or completed date.

**2.2.5.** Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course.

**2.2.6. Qualitative Requirements:** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

**2.2.7. Job Qualification Standard:** Becomes a job qualification standard (JQS) for on-the-job training when placed in Training Business Area (TBA), and used according to AFI 36-2651. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply.

**2.2.8. Documentation:** Document and certify completion of training IAW AFI 36-2651. Automated records, utilizing MIS or IMDS/G081 reflecting this STS is highly encouraged. Use of Part II and attachments one and two of this CFETP are mandatory in individual training records. Use of Part I of this CFETP is optional. Use of at least one of attachments 3 through 13 is required.

**2.2.9. Transcribing from Old CFETP to New CFETP:** All AFJQSs and previous CFETPs are

replaced by this CFETP; therefore, transcribing of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. Document and certify all previous and current training IAW AFI 36-2651.

**2.2.10. STS:** Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Analysis Division, by Senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2502, *Enlisted Airman Promotion/Demotion Programs*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

**3. Recommendations:** Report unsatisfactory performance of individual course graduates to the AETC training manager at 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264, DSN 736-3539 or e-mail address: UDG\_361TRS\_TRAININGMANAGERS@us.af.mil. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For quick response to problems, call out customer service information line, DSN 736-5236, any time, day or night.

### **Section B - Course Objective List (COL)**

**4. Measurement:** Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is comprised of a condition, behavior, and standard which states what is expected of the student for each task. The condition is the setting in which the training takes place (i.e. TOs, type of equipment, etc.). The behavior is the observable portion of the objective (i.e. perform an operational check). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter codes(s) to identify how it is measured. All objectives using the PC code indicate a progress check is used to measure subject or task knowledge. "W" indicates a comprehensive written test and is used to measure the subject or task knowledge at the end of a block of instruction. "PC/W" indicates a subject or task knowledge progress check and a separate measurement of both knowledge and performance elements using a written test.

**5. Standard:** The standard for written examinations is 70%. Standards for performance objectives are indicated in the objective and are also indicated on the individual progress check checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

**6. Proficiency Level:** Review column 4A of the STS to determine the proficiency level of a particular task or knowledge item. Review the course objective list to determine which STS item the objective supports. Review the proficiency code key in Part II, Section E of this CFETP for an explanation of the proficiency codes. Most task performance is taught to the '2b' proficiency level which means the students can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step by step procedures for doing the task. For tasks that are taught to the '3c' proficiency level, students can do all parts of the

task and only require a spot check on completed work (competent). The student can also identify why and when a task must be done and why each step is needed.

**7. Course Objectives:** A detailed listing of initial skills course objectives may be obtained by submitting a written request to 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264.

**Section C - Support Material**

8. The following list of support material is not all-inclusive; however, it covers the most frequently referenced areas. Support materials are any training package designed to enhance the learning process at and level of training. Refer to Education and Training Course Announcements for information on AETC formal courses at <https://app10-eis.aetc.af.mil/etca/SitePages/Home.aspx>.
9. Contact information on Training Detachment courses is: 372 TRS/CCS, 1917 Missile Road, Sheppard AFB Texas 76311-2361, DSN 736-4792 and 373 TRS/CCS, 1917 Missile Road, Sheppard AFB TX 76311- 2361, DSN 736-4671 <https://www.my.af.mil/gcss-af/USAF/ep/globalTab.do?channelPageId=s6925EC1353200FB5E044080020E329A9&command=org>.
10. Interactive Courseware information is available at: 367th TRS, 6058 Aspen Ave. Hill AFB, Utah 84056-5805, DSN 777-7830/8741 <https://367trss.hill.af.mil/>.

**Section D - Training Course Index**

**11.Purpose:** This section of the CFETP identifies training courses available for the Aerospace Propulsion Specialty and shows how the courses are used by each MAJCOM in their career field training programs. For further information on the following courses, contact the OPR at:

361 TRS/TRR  
501 Missile Raod  
Sheppard AFB, TX 76311-2264  
DSN 736-3539

**12.Air Force In-Resident Courses:**

| COURSE NO.      | COURSE TITLE                                  | LOCATION     | USER          |
|-----------------|-----------------------------------------------|--------------|---------------|
| J3ABR2A631C048D | Aerospace Propulsion Apprentice (High Bypass) | Sheppard AFB | AF, ANG, AFRC |
| J3ABR2A631D049D | Aerospace Propulsion Apprentice (F100)        | Sheppard AFB | AF, ANG, AFRC |
| J3ABR2A631E050D | Aerospace Propulsion Apprentice (F110)        | Sheppard AFB | AF, ANG, AFRC |
| J3ABR2A631H048C | Aerospace Propulsion Apprentice (T56)         | Sheppard AFB | AF, ANG, AFRC |
| J3AZR2A671A0M1A | Jet Engine Mishap Investigation               | Sheppard AFB | AF, ANG, AFRC |

**13. Air Force Career Development Academy (AFCDA)** <http://www.au.af.mil/au/barnes/afcdca/>.

There are no AFCDA requirements. This area is reserved.

**14. Exportable Courses:**

For further information on the following exportable courses, contact the OPRs at:

367 TRSS  
6058 Aspen Ave  
Hill AFB, UT 84056-5805  
DSN 777-7830/8741  
<https://367trss.hill.af.mil/>

362 TRS  
613 10<sup>th</sup> Ave  
Sheppard AFB, TX 76311-2352  
DSN 736-1825  
<https://www.my.af.mil/etcacourses/>

| COURSE NUMBER   | COURSE TITLE                                                   | OPR          |
|-----------------|----------------------------------------------------------------|--------------|
| J6ANW2AXXX 0W1A | Weight and Balance (General)                                   | 362 TRS      |
| J6AZW2AXXX 0Q1A | Quality Assurance Aircraft                                     | 362 TRS      |
| 00TCB0002V1     | Multimeter Familiarization                                     | 367 TRS/TRSS |
| C6AZM01CPB2400  | B-1B APU Operation (CBT)                                       | 367 TRS/TRSS |
| C3MKUA5TCB0006  | Torque Wrench Pre-Use Inspection and Operation Reference Video | 367 TRS/TRSS |

**15. Training Detachment (TD) Courses**

| COURSE NUMBER   | COURSE TITLE                                                            | OPR     |
|-----------------|-------------------------------------------------------------------------|---------|
| J4AMP2A6X1 A02B | B-2 Aerospace Propulsion-Jet Engine                                     | 372 TRS |
| J4AMP2A6X1 A03A | B-52H Aerospace Propulsion-Jet Engine (Engine Operator)                 | 372 TRS |
| J4AMP2A6X1 A18A | KC-135 Aerospace Propulsion Craftsman (Flightline F108 Engine Operator) | 373 TRS |
| J4AMP2A6X1 A23A | E-4B (CF6-50/F103) Engine Borescope                                     | 373 TRS |
| J4AMP2A6X1 A24A | E-8C Auxiliary Power Unit                                               | 373 TRS |
| J4AMP2A6X1 A27A | F-22A Acft Eng F119 Teardown and Build Up (Conversion Training)         | 372 TRS |
| J4AMP2A6X1 A31A | KC-10A Engine Transition                                                | 373 TRS |
| J4AMP2A6X1 A41A | U-2S Engine (Basic)                                                     | 372 TRS |
| J4AMP2A6X1 B01A | B-1B Aerospace Propulsion-Jet Engines (F101/IM)                         | 372 TRS |
| J4AMP2A6X1 B02A | B-2 Engine Operator (Phase I and II)                                    | 372 TRS |
| J4AMP2A6X1 B03A | B-52H Aerospace Propulsion (TF-33-P/103 Eng Sys Theory)                 | 372 TRS |

| <b>COURSE NUMBER</b> | <b>COURSE TITLE</b>                                                                | <b>OPR</b> |
|----------------------|------------------------------------------------------------------------------------|------------|
| J4AMP2A6X1 B18B      | KC-135 /F108-CF-100 Turbine Engine Monitoring System                               | 373 TRS    |
| J4AMP2A6X1 B23A      | E-4B Engine Operation                                                              | 373 TRS    |
| J4AMP2A6X1 B24A      | E-8C Jet Engine Technician                                                         | 373 TRS    |
| J4AMP2A6X1 B41B      | U-2S Engine Borescope                                                              | 372 TRS    |
| J4AMP2A6X1 C01A      | B-1B Aerospace Prop Maintenance (F101 Engine Run Phase I and II)                   | 372 TRS    |
| J4AMP2A6X1 C02B      | B-2 Aerospace Propulsion (Advanced)                                                | 372 TRS    |
| J4AMP2A6X1 C03A      | B-52H Aero Prop, Jet Eng Maint (TF-33- P/103 Borescope)                            | 372 TRS    |
| J4AMP2A6X1CA07A      | C-17, F117-PW-100 Jet Engine Blade Blending                                        | 373 TRS    |
| J4AMP2A6X1 C27A      | F119 Engine Borescope                                                              | 372 TRS    |
| J4AMP2A6X1 D01A      | B-1B Auxiliary Power Unit Operation                                                | 372 TRS    |
| J4AMP2A6X1 D02A      | B-2 Aerospace Propulsion – Fan Blade Blending                                      | 372 TRS    |
| J4AMP2A6X1 D03A      | B-52H Jet Engine Maint (TF-33-P-3/103 Eng Blade Repair)                            | 372 TRS    |
| J4AMP2A6X1 D18A      | KC-135R/T Quick Start Auxiliary Power Unit System (QSAS) Craftsman                 | 373 TRS    |
| J4AMP2A6X1 D41A      | U-2S Engine Blade Blend                                                            | 372 TRS    |
| J4AMP2A6X1 E01A      | B-1B F101 Engine Borescope Inspection                                              | 372 TRS    |
| J4AMP2A6X1 E02A      | B-2 Aerospace Propulsion Jet Engines (Borescope)                                   | 372 TRS    |
| J4AMP2A6X1 E18A      | KC-135R/T Quick Start Auxiliary Power Unit System (QSAS) Craftsman Troubleshooting | 373 TRS    |
| J4AMP2A6X1 E22B      | Engine Run Initial (E-3)                                                           | 373 TRS    |
| J4AMP2A6X1 F01A      | B-1B F101 Engine Fan Blade Blending                                                | 372 TRS    |
| J4AMP2A6X1 F18A      | KC-135R/T Jet Engine Maintenance Craftsman (Transition)                            | 373 TRS    |
| J4AMP2A6X1 G01A      | B-1B Aerospace Propulsion - Jet Engine (F101/IM/Retained Task)                     | 372 TRS    |
| J4AMP2A6X1 H01A      | B-1B Aerospace Propulsion (F101/OM Basic)                                          | 372 TRS    |
| J4AMP2A6X1 H18A      | KC-135R/T Propulsion System Troubleshooting                                        | 373 TRS    |

| <b>COURSE NUMBER</b> | <b>COURSE TITLE</b>                                                      | <b>OPR</b> |
|----------------------|--------------------------------------------------------------------------|------------|
| J4AMP2A6X1 I01B      | B-1B Aerospace Propulsion (F101/OM Advanced)                             | 372 TRS    |
| J4AMP2A6X1 I18A      | KC/RC/TC/OC/WC-135 Engine Operation                                      | 373 TRS    |
| J4AMP2A6X1 J18B      | KC/RC/TC/OC/WC-135/F108-201 Aerospace Propulsion Craftsman               | 373 TRS    |
| J4AMP2A6X1 K18A      | F108-CF-100 Aerospace Propulsion Journeyman (Organizational Maintenance) | 373 TRS    |
| J4AMP2A6X1 L18B      | RC/TC/OC/WC-135 Engine Borescope                                         | 373 TRS    |
| J4AMP2A6X1AC22A      | TF33 Jet Engine Component Removal/Installation (E-3)                     | 373 TRS    |
| J4AMP2A6X1CA04A      | C-5M (F-138) Jet Engine Craftsman                                        | 373 TRS    |
| J4AMP2A6X1CA07A      | C-17A, F117-PW-100 Jet Engine Blade Blending                             | 373 TRS    |
| J4AMP2A6X1CB22A      | Auxiliary Power Unit Maintenance (GTCP165-1/1A) (E-3)                    | 373 TRS    |
| J4AMP2A6X1CC07A      | C-17A/ F117-PW-100 Engine Borescope Procedures                           | 373 TRS    |
| J4AMP2A6X1CD04A      | F-138 Borescope/Compressor Blade Blending Procedures                     | 373 TRS    |
| J4AMP2A6X1CD07A      | C-17A Engine Change Procedures                                           | 373 TRS    |
| J4AMP2A6X1CE07A      | C-17A APU/Engine Troubleshooting                                         | 373 TRS    |
| J4AMP2A6X1CF04A      | C-5 (TF39/F-138) Engine Blade Blending                                   | 373 TRS    |
| J4AMP2A6X1CH04A      | C-5M (F-138) En-Route Course                                             | 373 TRS    |
| J4AMP2A6X1CI04A      | C-5M (F-138) Engine Removal/Installation                                 | 373 TRS    |
| J4AMP2A6X1CJ04A      | C-5M (F-138) Thrust Reverser Removal/Installation                        | 373 TRS    |
| J4AMP2A6X1FA25A      | Aerospace Propulsion (Jet Eng) Maint (F-15 Eng Start Sys/Subsys) (IM)    | 372 TRS    |
| J4AMP2A6X1FA49A      | Aerospace Propulsion (F100-PW-220/220E Intermediate Maintenance I/M)     | 372 TRS    |
| J4AMP2A6X1FB00A      | TF34 Engine Trending & Diagnostics (ET&D)                                | 372 TRS    |
| J4AMP2A6X1FC50A      | Aerospace Propulsion (F110-GE-100/129) Intermediate Maintenance          | 372 TRS    |
| J4AMP2A6X1FD49A      | Aerospace Propulsion (F-100-PW-229 Intermediate Maintenance I/M)         | 372 TRS    |
| J4AMP2A6X1FD50A      | Aerospace Propulsion F-16, F110 Engine Removal and Installation          | 372 TRS    |
| J4AMP2A6X1FE50A      | Aerospace Propulsion (F-16, F110-GE- 100/129 Engine. O/M) (CERT)         | 372 TRS    |

| COURSE NUMBER   | COURSE TITLE                                                                  | OPR     |
|-----------------|-------------------------------------------------------------------------------|---------|
| J4AMP2A6X1FF49A | Aerospace Propulsion (F-16 F100-PW-220/220E) Organizational Maintenance (O/M) | 372 TRS |
| J4AMP2A6X1FG49A | Aerospace Propulsion F-16 F100-PW-229 Organizational Maintenance (O/M)        | 372 TRS |
| J4AMP2A6X1FJ49B | Aerospace Propulsion (F100) Engine Blade Blending                             | 372 TRS |
| J4AMP2A6X1FK49A | Aerospace Propulsion (F-15, F100-PW-229) Organizational Maintenance (O/M)     | 372 TRS |
| J4AMP2A6X1FL49A | Aerospace Propulsion (F-15, F100-PW-220) Organizational Maintenance (O/M)     | 372 TRS |
| J4AMP2A6X1FN49A | Aerospace Propulsion (F100-PW- 100/200/220/220E) Fiberoptic Borescope Insp    | 372 TRS |
| J4AMP2A6X1FO49A | Aerospace Propulsion (F100-PW-229) Fiberoptic Borescope Inspection            | 372 TRS |
| J4AMP2A6X1 A17A | C-130 Propeller (HS54H60-91) Intermediate Maintenance                         | 373 TRS |
| J4AMP2A6X1 A30A | H-60 (T700) Turboshaft Propulsion                                             | 372 TRS |
| J4AMP2A6X1 B17A | C-130 Propeller (HS54H60-91) Organizational Maintenance                       | 373 TRS |
| J4AMP2A6X1 B30B | T700/T707/T701C Compressor Blade Blending (O/I Maintenance)                   | 372 TRS |
| J4AMP2A6X1 C17A | T56-A-15 Engine Intermediate Maintenance                                      | 373 TRS |
| J4AMP2A6X1 D17A | T56-A-15 Engine Organizational Maintenance                                    | 373 TRS |
| J4AMP2A6X1 E17A | T56-A-15 Turboprop Engine Gearbox and Turbine R&R                             | 373 TRS |
| J4AMP2A6X1 F17A | C-130J Propulsion Systems Organizational Maintenance (Engine and Prop)        | 373 TRS |
| J4AMP2A6X1 G17A | T56 Engine Blade Blending                                                     | 373 TRS |
| J4AMP2A6X1 I17A | AE2100D3 Engine Borescope Inspection                                          | 373 TRS |

For further information on the TD courses, contact the OPRs at:

|                             |                             |
|-----------------------------|-----------------------------|
| 372 TRS                     | 373 TRS                     |
| 1917 Missile Road           | 1917 Missile Road           |
| Sheppard AFB, TX 76311-2361 | Sheppard AFB, TX 76311-2361 |
| DSN 736-4792                | DSN 736-4671                |

<https://www.my.af.mil/gcss-af/USAF/ep/globalTab.do?channelPageId=s6925EC1353200FB5E044080020E329A9&comm and= org>

**Section E - MAJCOM Unique Requirements:** Combat Air Force and Mobility Air Force Mandatory Course Listing (CAF&MAF/MCL) applies to AETC, AFSOC, PACAF, and USAFE personnel/units as applicable. The CAF&MAF/MCL does not apply to Air National Guard (ANG) or Air Force Reserve Command (AFRC) members and units. **However**, it does apply to active duty personnel assigned to Total Force Integrated units (Active Duty personnel assigned to Guard bases).

MAJCOMs change mandatory course requirements occasionally. Up-to-date CAF&MAF/MCL requirements can be obtained at your local Military Training Flight and/or Unit Training Manager.

**16. MAJCOM Course List:** Contact the course OPRs at:

|                          |                         |
|--------------------------|-------------------------|
| HQ AMC/A4MMT             | HQ ACC LSG / OL-CA      |
| 402 Scott Drive Unit 2A2 | 6058 Aspen              |
| Scott AFB, IL 62225-5308 | Hill AFB, UT 84056-5805 |
| DSN 779-4787             | DSN 777-4278            |

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

WARREN D. BERRY  
Lieutenant General, USAF  
DCS/Logistics, Engineering & Force Protection

16 Attachments:

1. Proficiency Code Key
2. STS – General Propulsion
3. STS – F100 / F101 / F110 / F118
4. STS –TF33 / TF34
5. STS – F138
6. STS – F108
7. STS – F103
8. STS – F117
9. STS – F119
10. STS – Secondary Power / APU / JFS
11. STS – TFE731
12. STS – F139
13. STS – T56
14. STS – AE2100D (C-130J)
15. STS – T700
16. STS – T400

|                                                                 |                           |                    |
|-----------------------------------------------------------------|---------------------------|--------------------|
| <b><i>This Block Is For Identification Purposes Only</i></b>    |                           |                    |
| <b>Name Of Trainee</b>                                          |                           |                    |
| <b>Printed Name (Last, First, Middle Initial)</b>               | <b>Initials (Written)</b> | <b>Last 4 SSAN</b> |
| <b>Printed Name Of Certifying Official and Written Initials</b> |                           |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |
| N/I                                                             | N/I                       |                    |

### QUALITATIVE REQUIREMENTS

| Proficiency Code Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Scale Value | Definition: The individual                                                                                       |
| Task Performance Levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1           | Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2           | Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3           | Can do all parts of the task. Needs only a spot check of completed work. (Competent)                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4           | Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient) |
| *Task Knowledge Levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | a           | Can name parts, tools, and simple facts about the task. (Nomenclature)                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | b           | Can determine step by step procedures for doing the task. (Procedures)                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | c           | Can identify why and when the task must be done and why each step is needed. (Operating Principles)              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | d           | Can predict, isolate, and resolve problems about the task. (Advanced Theory)                                     |
| **Subject Knowledge Levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A           | Can identify basic facts and terms about the subject. (Facts)                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | B           | Can identify relationship of basic facts and state general principles about the subject. (Principles)            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | C           | Can analyze facts and principles and draw conclusions about the subject. (Analysis)                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | D           | Can evaluate conditions and make proper decisions about the subject. (Evaluation)                                |
| <b>Explanations</b><br>* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)<br><br>** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.<br><br>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.<br><br>X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.<br><br><b>NOTE:</b> All tasks and knowledge items shown with a proficiency code are trained during war time.<br><br>Qualitative requirements are used to show the level of training received in formal (AETC) courses. |             |                                                                                                                  |

|                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 2                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in attachment 2 are performed by all personnel in the Aerospace Propulsion specialty for the appropriate skill level upgrade. The tasks in attachments 3 through 16 are engine specific and are to be performed by all personnel in the Aerospace Propulsion specialty performing maintenance on the specified equipment. |                                                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                                                                                                                                                            |                                                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available.                                                                                                                                                                    |                                                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.1.                                                                                                                                                                                                                                                                                                                                                             | CAREER FIELD PROGRESSION TR: AFI 36-2101                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.1.1.                                                                                                                                                                                                                                                                                                                                                           | Fundamentals                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.2.                                                                                                                                                                                                                                                                                                                                                             | AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFI 127-01 Vol. 1 and 3 AFIs 21-101, 90-802, 91-202, 91-203, 91- 204, 91-301, 91-302; and Applicable Aircraft/Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.2.1.                                                                                                                                                                                                                                                                                                                                                           | AFOSH Standards                                                                                                                                                                |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.2.2.                                                                                                                                                                                                                                                                                                                                                           | Hazards of AFSC                                                                                                                                                                |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.2.3.                                                                                                                                                                                                                                                                                                                                                           | Maintain Safe Work Area                                                                                                                                                        |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -                  | -       |
| 2.2.4.                                                                                                                                                                                                                                                                                                                                                           | Ensure Aircraft Safe for Maintenance                                                                                                                                           | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -                  | -       |
| 2.2.5.                                                                                                                                                                                                                                                                                                                                                           | Restraint Harness (e.g., Fall protection /prevention equipment)                                                                                                                |               |         |                          |          |                  |                  |                    | B                                                                              | -       | -                  | -       |
| 2.2.6.                                                                                                                                                                                                                                                                                                                                                           | Risk Management (RM)                                                                                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.3.                                                                                                                                                                                                                                                                                                                                                             | OPERATIONS SECURITY (OPSEC) VULNERABILITIES FOR AFSC 2A6X1 TR: AFI 10-701, and 10-1101                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                | -       | -                  | -       |
| 2.3.1.                                                                                                                                                                                                                                                                                                                                                           | Fundamentals                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | A                                                                              |         |                    |         |
| 2.4.                                                                                                                                                                                                                                                                                                                                                             | FOREIGN OBJECT DAMAGE (FOD) PROGRAM TR: AFI 21-101 and Applicable MAJCOM Instructions                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.4.1.                                                                                                                                                                                                                                                                                                                                                           | Apply FOD Prevention Practices                                                                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -                  | -       |
| 2.4.2.                                                                                                                                                                                                                                                                                                                                                           | FOD Program Manager                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.4.3.                                                                                                                                                                                                                                                                                                                                                           | Dropped Object Prevention (DOP) Program                                                                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.5.                                                                                                                                                                                                                                                                                                                                                             | HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: AFJMAN 24-204, AFI 90-821, and Applicable Federal, State, Country and Local Regulations        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.5.1.                                                                                                                                                                                                                                                                                                                                                           | Hazardous Materials Program                                                                                                                                                    |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.5.2.                                                                                                                                                                                                                                                                                                                                                           | Types of Hazardous Materials/Fluids                                                                                                                                            |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.5.3.                                                                                                                                                                                                                                                                                                                                                           | Handling Procedures                                                                                                                                                            |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.5.4.                                                                                                                                                                                                                                                                                                                                                           | Storage and Labeling                                                                                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.5.5.                                                                                                                                                                                                                                                                                                                                                           | Proper Disposal                                                                                                                                                                |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                                                                                                                                               | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                                                                                                                                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                                                                                                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 2.6. ENLISTED SPECIALTY TRAINING TR: AFI 36-2651 and Applicable MAJCOM Directives                                                                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.6.1. Trainee Responsibilities                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.2. OJT Trainer Responsibilities                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.6.2.1. Prepare Teaching Outlines or Task Breakdowns                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.2.2. Provide Trainee Theory and Train on Actual Equipment                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.2.3. Provide Feedback on Training                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.3. OJT Task Certifier Responsibilities                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.6.3.1. Develop Methods of Evaluation to Determine Trainee Knowledge/Qualification, and Training Effectiveness                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.3.2. Use Appropriate Method of Evaluation and Effectively Determine Trainees Ability                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.3.3. Give Supervisor and Trainer Feedback on Results of Training Provided, and Trainee's Strengths/Weaknesses                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.6.3.4. Training Plans and Working Groups                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.7. TECHNICAL PUBLICATIONS TR: Interactive Electronic Technical Manual System (IETMS) TOs 00-5-1, 00-5-2, 00-5-15, AFD 21- 3, and Applicable Interactive Electronic Technical Manuals (IMIS/TOD) – TODCR CHANGES REQUESTS |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.7.1. TO System                                                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.7.2. Use Technical Orders/Pubs (Include Intermediate and Organizational level)                                                                                                                                           | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 2.7.3. TCTOs                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.7.4. AFTO Form 22                                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.8. SUPPLY MANAGEMENT TR: AFIs 21-101 and 23-101, AFH 23-123, AFMAN 23-110, 23-122, and TO 00-20-1, 00-20-3                                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.8.1. Maintenance Supply Concept                                                                                                                                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.8.2. Supply Documents Management                                                                                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.8.3. Use Status Tags                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -          | -       |
| 2.8.4. AF Form 2005                                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.8.5. Equipment Account Management                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.8.6. Depot Level Repairable (DLR)/Repairable Support Division (RSD)                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.8.7. Priority System                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.8.8. Repair Cycle Assets                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.8.9. Shelf-Life Items Inspection and Control                                                                                                                                                                             |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.8.10. Precious Metal Recovery                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 2.9. MAINTENANCE MANAGEMENT TR: AFIs 21-101 and 10-201, TOs 00-20 Series, TO 2-1 18 and Applicable MAJCOM Directives                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |

|                                              |                                                                                                                                                                                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                                                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                                                                                                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 2.9.1.                                       | General                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.9.1.1.                                     | Responsibilities of the Maintenance Group                                                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.2.                                     | Functions within the Maintenance Complex                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.3.                                     | Engine Maintenance Management Information Systems                                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.4.                                     | Resource Management                                                                                                                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.5.                                     | Mobility                                                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.6.                                     | Maintenance Accountability                                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.9.1.7.                                     | Process PMEL Equipment                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.8.                                     | Defense Readiness Reporting Program (DRRS)                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.9.                                     | Use Land Mobile Radios (LMR)                                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.10.                                    | Classified Asset Handling                                                                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.11.                                    | Centralized Repair Facilities (CRFs)                                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.12.                                    | Depot Functions                                                                                                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.13.                                    | Propulsion Safety Threshold                                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.14.                                    | Civilian Contract Maintenance                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.15.                                    | Engine Life Management Plan                                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.1.16.                                    | Engine Metrics                                                                                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.2.                                       | Engine Health Management (EHM)                                                                                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.9.2.1.                                     | EHM Program                                                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.2.2.                                     | Reliability Centered Maintenance (RCM)                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.2.3.                                     | Engine Trending and Diagnostics (ET&D) Program Management                                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.2.4.                                     | Lead the Fleet (Pacer Program/Compass Vector)                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.9.3.                                       | Provide and Interpret Engine Historical Data<br>TR: AFCSM 21Series and TO 00-20 Series, TO 00-25 254-1/- 2                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.9.3.1.                                     | Engine Historical Records                                                                                                                                                                                                                   |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.9.3.2.                                     | Engine Status Reports                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.10.                                        | MAINTENANCE INSPECTION SYSTEMS AND FORMS<br>TR: AFCSM 21 Series, AFI 21-101; TOs 00-20 Series, 00-35D-54; Applicable Interactive Electronic Technical Manuals, Applicable Aircraft Work Unit Code Manuals, and Applicable MAJCOM Directives |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.10.1.                                      | Inspections                                                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.10.1.1.                                    | Flight Inspections                                                                                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.10.1.2.                                    | Isochronal Inspections                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.10.1.3.                                    | Hourly Inspections                                                                                                                                                                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.10.1.4.                                    | Special Inspections                                                                                                                                                                                                                         |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.10.1.5.                                    | Engine Acceptance Inspection                                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.10.1.6.                                    | Work Center In-Process Inspections (IPI)                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.10.1.6.1.                                  | Theory                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.10.1.6.2.                                  | Identify IPI                                                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.10.2.                                      | Maintenance Information Systems (MIS)                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |

| 1. Tasks, Knowledge and Technical References                                                                                              | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                                           | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                                           |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 2.10.2.1. Fundamentals (Include SBSS Interface)                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 2.10.2.2. Use Applicable MIS                                                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.10.3. Document Maintenance Actions                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.10.3.1. Use AFTO Form 350                                                                                                               | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.10.3.2. Use AFTO Form 781 series (A,H,J,K)                                                                                              | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.10.3.3. Use AFTO Form 244/245                                                                                                           | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.10.3.4. Deficiency Reporting System                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.10.3.5. Aircraft Configuration/Modification                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.10.3.6. Engine Work Folders /EAWP                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.10.3.7. Local Forms                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.11. HAND TOOLS                                                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.11.1. Select                                                                                                                            | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.11.2. Use                                                                                                                               | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.11.3. Inspect                                                                                                                           |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.11.4. Care                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.12. GENERAL MAINTENANCE<br>TR: TOs 1-1A-8, 1-1A-14, 2-1-111, 44B-1-15, and Applicable Interactive Electronic Technical Manuals          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.12.1. General                                                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.12.1.1. Select Engine Hardware                                                                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.12.1.2. Use Engine Hardware                                                                                                             | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.12.1.3. Use Hardware Safety Devices                                                                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.12.1.4. Bearing Inspection/ Handling                                                                                                    |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 2.12.1.5. Proper Handling of Electrostatic Discharge (ESD) Sensitive                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.13. ELECTRICAL SYSTEMS                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.13.1. Electrical Fundamentals                                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 2.13.2. Trace Wiring Diagrams, Circuits and Schematics                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.13.3. Use Multimeters                                                                                                                   | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.14. ENGINE MAINTENANCE<br>TR: TOs 00-20-1, 00-35D 54, 1-1A-8, 2J-1-13, 2-1 111, and Applicable Interactive Electronic Technical Manuals |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.14.1. Perform Preliminary Maintenance Procedures                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.14.1.1. Work Area                                                                                                                       | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.14.1.2. Support Equipment                                                                                                               | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.14.1.3. Engine                                                                                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.14.2. Engine Plumbing                                                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.14.2.1. Remove                                                                                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.14.2.2. Inspect                                                                                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.14.2.3. Install                                                                                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15. SPECIAL/MEASURING TOOLS TR: TOs 32-1-101, 32-1 201, and                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.1. Depth Gauge                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.1.1. Select                                                                                                                          |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.1.2. Use                                                                                                                             |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.2. Micrometers                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.2.1. Select                                                                                                                          |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.2.2. Use                                                                                                                             |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |

|                                                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                   | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                                |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 2.15.3. Torque Wrenches                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.3.1. Select                                                                                                               | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.3.2. Use                                                                                                                  | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.4. Engine Fixtures/Tooling                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.4.1. Select                                                                                                               |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.4.2. Use                                                                                                                  |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.5. Calipers                                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.15.5.1. Select                                                                                                               |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.15.5.2. Use                                                                                                                  |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.16. TEST EQUIPMENT TR: Applicable Engine TOs                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.16.1. Vibration Analyzer                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.16.2. Jet Cal Analyzer                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.16.3. Velocimeter/Accelerometer/ Velometer                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.16.4. Vacuum/Pneumatic Tester                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.16.5. Dynamic Balancer                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.16.6. Fuel Nozzle Flow Tester                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17. SUPPORT EQUIPMENT TR: TOs 35A4 Series, 35D3 Series, 35D4 Series, and Applicable Interactive Electronic Technical Manuals |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.1. Hoisting Equipment                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.1.1. Operate Portable                                                                                                     |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.17.1.2. Operate Power Overhead                                                                                               |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 2.17.2. Engine Stand                                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.2.1. Remove Engine from Stand                                                                                             |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.2.2. Install Engine On Stand                                                                                              |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.3. Lifting Adapters                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.3.1. Inspect                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.3.2. Assemble                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.3.3. Disassemble                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.3.4. Weight Check                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.4. Personnel Stands                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.4.1. Inspect Prior to Use                                                                                                 |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.4.2. Operate                                                                                                              |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.4.3. Maintain                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.5. Transportation Equipment                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.5.1. Inspect Prior to Use                                                                                                 | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.5.2. Operate                                                                                                              |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 2.17.5.3. Maintain                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6. Engine Trailer Maintenance                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.6.1. Engine Trailer Steering Components                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.6.1.1. Inspection                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.1.2. Removal                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.1.3. Installation                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.2. Engine Trailer King Pin                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.6.2.1. Inspection                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.2.2. Removal                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.2.3. Installation                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.3. Engine Trailer Wheel Bearings                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 2.17.6.3.1. Inspection                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.3.2. Removal                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.3.3. Lubrication                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.3.4. Installation                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 2.17.6.4. Engine Trailer Brake Assembly                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                  | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 2.17.6.4.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.4.2. Removal                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.4.3. Installation                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.5. Engine Trailer Wheel and Hub                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.5.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.6. Engine Trailer Tire                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.6.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.6.2. Removal                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.6.3. Installation                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.6.4. Tube/Tire Replacement                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.6.5. Engine Trailer Wheel Alignment                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.7. Engine Trailer Tow Bar                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.7.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.7.2. Removal                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.7.3. Installation                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.8. Engine Trailer Tie Rods                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.8.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.8.2. Removal                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.8.3. Installation                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.9. Engine Trailer Rails                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.9.1. Inspection                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.9.2. Removal                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.9.3. Installation                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.10. Engine Trailer Quick Release Pins                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.10.1. Inspection                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.11. Engine Lift Trailer                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.11.1. Disassembly                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.11.2. Inspection and Periodic Inspection                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.11.3. Hydraulic System Operation                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.11.4. Assembly                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.12. Engine Transportation Support Equipment               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.12.1. Disassembly                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.12.2. Inspection                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.12.3. Assembly                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.13.. Engine Test Support Equipment                        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.6.13.1. Inspection                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.6.13.2. Periodic Maintenance                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7. Powered Support Equipment                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.7.1. General                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.7.1.1. Perform Inspection                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.2. Operate Electrical Power Units (Gas Turbine/ Diesel) |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.3. Operate Air Conditioner                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.4. Operate Floodlight Set                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.5. Operate Pneumatic Air Cart                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.6. Operate Self Generating Nitrogen Cart                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.1.7. Operate Portable Ground Heater                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.2. Compressor Wash Cart/Unit                              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 2.17.7.2.1. Inspect Prior to Use                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.2.2. Operate                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 2.17.7.2.3. Maintain                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                                                                                                                                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                                                        | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                                                                                                        | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
|                                              |                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.18.                                        | ENGINE INSPECTION AND PREVENTIVE MAINTENANCE<br>TR: AFI 21-131, TOs 00-20 Series, 33B4-2-29-1/11, 33B4-2 22-1, 33-1-37 Series, and Applicable Interactive Electronic Technical Manuals |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.18.1.                                      | Analysis                                                                                                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.18.1.1.                                    | Damage Analysis                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.18.1.2.                                    | Vibration Analysis                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.18.1.3.                                    | Oil Analysis Program (OAP) / Joint Oil Analysis Program (JOAP)                                                                                                                         |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.18.1.4.                                    | Obtain Engine Oil Sample                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.18.1.5.                                    | Inspect Oil Filter/Chip Detector/Magnetic Drain Plug                                                                                                                                   |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -                  | -       |
| 2.18.2.                                      | Borescope                                                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.18.2.1.                                    | Fundamentals                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 2.18.2.2.                                    | Use Rigid                                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.18.2.3.                                    | Use Flexible                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.                                        | ENGINE PRESERVATION SHIPMENT AND STORAGE<br>TR: TOs 00-20-1, 00-20-4, 00-20-5, 00 85-20, 2J-1-18, 2-1-111, 6J3-1 12, and Applicable Interactive Electronic Technical Manuals           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.19.1.                                      | Prepare Engine for Shipment                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.2.                                      | Engine/Module/ Components in Shipping Container                                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.19.2.1.                                    | Removal                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.2.2.                                    | Installation                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.2.3.                                    | Pressurize Shipping Container                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.2.4.                                    | Periodic Inspection Requirements                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.3.                                      | Engine                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.19.3.1.                                    | Preserve                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -                  | -       |
| 2.19.3.2.                                    | De-preserve                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -                  | -       |
| 2.19.3.3.                                    | Corrosion Control                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.4.                                      | Module                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.19.4.1.                                    | Preserve                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.4.2.                                    | De-preserve                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.4.3.                                    | Corrosion Control                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.5.                                      | Components                                                                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.19.5.1.                                    | Preserve                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.5.2.                                    | De-preserve                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.19.5.3.                                    | Corrosion Control                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.20.                                        | AIRCRAFT INSTALLED ENGINE TESTING                                                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.20.1.                                      | Engine Operational Checks                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.20.2.                                      | Perform Ground Observer/ Fireguard Duties                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.20.3.                                      | Engine Adjustments                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.20.4.                                      | Evaluate Engine Performance                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.20.5.                                      | System and Component Troubleshooting                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.21.                                        | NOISE SUPPRESSOR/HUSH HOUSE/ ENGINE TEST STAND (NSS)                                                                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.21.1.                                      | Inspect                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 2.21.2.                                      | Maintenance                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.21.3.                                      | Operate                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.21.4.                                      | Troubleshoot                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.21.5.                                      | Fire Suppression Panel Operator                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.                                        | UNINSTALLED ENGINE TESTING TR: TOs 00-20-1, 00-25-238, and Applicable Interactive Electronic Technical Manuals |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.22.1.                                      | Pre-Operational Checks                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.2.                                      | Operational Checks                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.3.                                      | Evaluate Engine Performance                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.4.                                      | Engine System Components Adjustment                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.5.                                      | Post-Operational Checks                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.6.                                      | System and Component Troubleshooting                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.7.                                      | Install Engine                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.22.8.                                      | Remove Engine                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.22.9.                                      | Perform Ground Observer/ Fireguard Duties                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.                                        | GENERAL MAINTENANCE/ PRODUCTION TEAM MAINTENANCE TASKS TR: AFI 91-203 and Applicable Aircraft & Engine TOs     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.23.1.                                      | Perform Flight Line Safety/Precautions/Security Familiarization                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.2.                                      | Introduction to Aircraft/Airframe Familiarization/Egress                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.3.                                      | Operate Aircraft Radios                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.4.                                      | Defensive Systems (DS) Familiarization (on Applicable Aircraft)                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.5.                                      | Statically Ground Aircraft                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.6.                                      | Apply/Disconnect External Electrical Power Unit                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.7.                                      | Perform Jacking Team Member                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.8.                                      | Perform Refuel/Defuel Team Member Duties                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.9.                                      | Perform Refuel/Defuel Team Supervisor                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.10.                                     | Remove/Install Aircraft Maintenance Access Panels                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.11.                                     | Use Aircraft Interphone System                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.12.                                     | Perform Aircraft Marshaling Procedures                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.13.                                     | Tow Aircraft                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.14.                                     | Perform Tow Team Supervisor                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.15.                                     | Perform Wing/Tail Walker Duties                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.16.                                     | Brake Operator                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.17.                                     | Perform Launch/Recovery Procedures                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.18.                                     | Perform Jack Team Supervisor                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.19.                                     | Perform Concurrent Servicing Supervisor                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 2.23.20. Perform Tire Servicing                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.21. Replace Tires                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.22. Replace Brakes                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.23. Perform Aircraft Pre-Flight Inspection                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.24. Perform Aircraft Thru-Flight Inspection                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.25. Perform Aircraft Post-Flight Inspection                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.26. Operate Aircraft Cargo Door/Ramp/                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.27. Perform LOX/GOX servicing                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.28. Configure -21 Equipment                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.29. Operate Hangar Doors                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.23.29.1 Electrical                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.23.29.2 Mechanical                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 2.24.1. Installed Engine Run Certifying Official                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.2. All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.4. Flexible Borescope Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.5. Engine Blade Blend Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.6. Red X by Primary AFSC (PAFSC) and MDS                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.7. IPI by PAFSC and MDS                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.8. Red-X and/or IPI - Limited                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.9. Installed Engine Run by MDS                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.10. Engine Blade Blending                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.13. Aircraft Inlet/Intake/Exhaust Certification                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.14. Engine Flexible Borescope Inspections                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary PowerPlant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 2.24.17. Aircraft APU/GTC/APP Run Certifying Official                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                                                                                                                                                                                                                           |                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                                                                                                              |                                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                                                                                                                           |                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 3                                                                                                                                                                                                                                                                              |                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel in the apprentice (3-level) J3ABR2A631D049D (F100) and J3ABR2A631E050D (F110) courses. The tasks and proficiency codes listed in column 4A of this attachment are driven by unique equipment design. |                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F100, F101, F110, and F118, engines.                                                                                                                                       |                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                                                                                     |                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 4: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available.                                                                                             |                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.                                                                                                                                                                                                                                                                                      | ENGINE AND RELATED SYSTEMS TR: AFI 21-101, 2-1-111 (F100), and Applicable Aircraft/Engine TOs. |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.1.                                                                                                                                                                                                                                                                                    | General                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.1.1.                                                                                                                                                                                                                                                                                  | Constructional Features                                                                        |               |         |                          |          |                  |                  |                    | B                                                                              | -       | -                  | -       |
| 3.1.1.2.                                                                                                                                                                                                                                                                                  | Use RCM Calculator                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.1.3.                                                                                                                                                                                                                                                                                  | Use TOs (Organizational/ Intermediate/IETMS)                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.1.4.                                                                                                                                                                                                                                                                                  | Use EAWP                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.1.5.                                                                                                                                                                                                                                                                                  | Operating Principles                                                                           |               |         |                          |          |                  |                  |                    | B                                                                              | -       | -                  | -       |
| 3.1.1.6.                                                                                                                                                                                                                                                                                  | Basic Troubleshooting Procedures                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.2.                                                                                                                                                                                                                                                                                    | Constructional Features                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.2.1.                                                                                                                                                                                                                                                                                  | Compressor                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.2.2.                                                                                                                                                                                                                                                                                  | Combustion                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.2.3.                                                                                                                                                                                                                                                                                  | Turbine                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.2.4.                                                                                                                                                                                                                                                                                  | Augmenter/Exhaust Nozzle                                                                       |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.2.5.                                                                                                                                                                                                                                                                                  | Gearbox                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.2.6.                                                                                                                                                                                                                                                                                  | Trace and Interpret System Schematics                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.2.7.                                                                                                                                                                                                                                                                                  | F-15 Start System                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.2.8.                                                                                                                                                                                                                                                                                  | F-16 Start System                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.3.                                                                                                                                                                                                                                                                                    | Engine Systems                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.3.1.                                                                                                                                                                                                                                                                                  | Electrical                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.2.                                                                                                                                                                                                                                                                                  | Oil                                                                                            |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.3.                                                                                                                                                                                                                                                                                  | Fuel                                                                                           |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.4.                                                                                                                                                                                                                                                                                  | Ignition                                                                                       |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.5.                                                                                                                                                                                                                                                                                  | Anti-Icing                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.6.                                                                                                                                                                                                                                                                                  | Engine Start                                                                                   |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.7.                                                                                                                                                                                                                                                                                  | Bleed Air                                                                                      |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.8.                                                                                                                                                                                                                                                                                  | Fire Warning                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.3.9.                                                                                                                                                                                                                                                                                  | Engine Indicating                                                                              |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.3.10.                                                                                                                                                                                                                                                                                 | Overheat Warning                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.3.11.                                                                                                                                                                                                                                                                                 | Augmenter/Exhaust Nozzle                                                                       |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.4.                                                                                                                                                                                                                                                                                    | Engine Controls                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.4.1.                                                                                                                                                                                                                                                                                  | Electronic/Mechanical                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.4.2.                                                                                                                                                                                                                                                                                  | Variable Geometry/ Compressor Air Flow                                                         |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.5.                                                                                                                                                                                                                                                                                    | Engine Monitoring Systems                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 3.1.5.1.                                                                                                                                                                                                                                                                                  | Engine Monitoring System Fundamentals                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 3.1.5.2.                                                                                                                                                                                                                                                                                  | Engine Monitoring F100                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 3.1.5.3.                                                                                                                                                                                                                                                                                  | Engine Monitoring F110                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                 |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.1.5.4. Use/Operate Monitoring Devices                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.1.6. Digital Engine Start System Control (DESSC) F-16                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.1.6.1. Troubleshoot                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.1.6.2. Download                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2. ENGINE MAINTENANCE<br>TR: AFI 21-101, 2-1-111 (F100, F101 F110, F118), and Applicable Aircraft/Engine TOs. |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.1. Engine Electrical Cables/Harness                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.1.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.1.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.1.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.2. Exciter                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.2.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.2.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.2.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.3. Fuel Pump                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.3.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.3.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.3.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.4. Fuel Boost Pump (F101/ 110)                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.4.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.4.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.4.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.5. Anti-Ice Valve                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.5.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.5.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.5.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.6. Igniter                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.6.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.6.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.6.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.7. Fuel Control                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.7.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.7.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.7.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.7.4. Rigging                                                                                                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.8. Fuel Filter                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.8.1. Remove                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.8.2. Inspect                                                                                                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.8.3. Install                                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.9. Fuel Filter Differential Pressure Indicator                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.9.1. Remove                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.9.2. Inspect                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.9.3. Install                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.10. Oil Pump                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.10.1. Remove                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.10.2. Inspect                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.10.3. Install                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.11. Oil Tank                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.11.1. Remove                                                                                                |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.11.2. Inspect                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.11.3. Install                                                                                               |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                                                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                 |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.2.11.4.                                    | Service                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.12.                                      | Oil Pressure Transmitter                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.12.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.12.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.12.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.13.                                      | Fuel Oil Cooler                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.13.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.13.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.13.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.14.                                      | Air Oil Cooler                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.14.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.14.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.14.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.15.                                      | Hydraulic Pump                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.15.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.15.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.15.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.16.                                      | Oil Filter/Strainer                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.16.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.16.2.                                    | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.16.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.17.                                      | Chip detector                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.17.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.17.2.                                    | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.17.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.18.                                      | Lube Filter Differential Pressure Indicator     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.18.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.18.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.18.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.19.                                      | Lube Flow Sensor                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.19.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.19.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.19.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.20.                                      | Low Oil Pressure Switch                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.20.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.20.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.20.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.21.                                      | Breather Pressurizing Valve                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.21.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.21.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.21.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.22.                                      | Stator Generator                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.22.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.22.2.                                    | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.22.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.23.                                      | Rotor Generator                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.23.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.23.2.                                    | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.23.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.24.                                      | Engine Electronic Control (DEC,DEEC, and EFTC ) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.24.1.                                    | Remove                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.24.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.24.3.                                    | Install                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.25.                                      | EDU/ I-Box (F100 Only)                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                              |                                                                       | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|-----------------------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                       | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                       | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 3.2.25.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.25.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.25.3.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.26.                                      | Compressor Inlet Variable Vane/Inlet Guide Vane Actuating Systems     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.26.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.26.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.26.3.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.26.4.                                    | Rig                                                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.27.                                      | Rear Compressor Variable Vane/ Variable Stator Vane Actuating Systems |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.27.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.27.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.27.3.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.27.4.                                    | Rig                                                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.28.                                      | Rear Compressor Variable Vane/ Variable Stator Vane Feedback Cable    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.28.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.28.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.28.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.28.4.                                    | Rig                                                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.29.                                      | Compressor Bleed Cylinder/ Compressor Bleed Actuating Systems         |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.29.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.29.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.29.3.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.29.4.                                    | Rig                                                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.30.                                      | Turbine Temperature Indicating System (FTIT, Pyrometer)               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.30.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.30.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.30.3.                                    | Clean                                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.30.4.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.30.5.                                    | Shim                                                                  |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.31.                                      | T2 Sensor                                                             |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.31.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.31.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.31.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.32.                                      | Gearbox                                                               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.32.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.32.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.32.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.33.                                      | Compressor (Fan)                                                      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.33.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.33.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.33.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 3.2.33.4.                                    | Perform Compressor Wash                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.34.                                      | Front Frame/IGV Assembly                                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 3.2.34.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.34.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.34.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.34.4.                                    | Repair                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 3.2.35.                                      | Blades Compressor Fan                                                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |

|                                              |                                                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                 |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.2.35.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.35.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.35.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.35.4.                                    | Repair (Blend)                                  |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.36.                                      | Fan Frame/Compressor Intermediate Case Assembly |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.36.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.36.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.36.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.36.4.                                    | Repair                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.37.                                      | Fan Stator Case                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.37.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.37.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.37.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.38.                                      | F100 Fan Duct                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.38.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.38.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.38.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.39.                                      | F110 Fan Duct                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.39.1.                                    | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.39.2.                                    | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.39.3.                                    | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.                                      | Augmenter                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.1.                                    | Augmenter/Exhaust Nozzle Assembly               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.1.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.40.1.2.                                  | Inspect                                         |               | *       |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.40.1.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.40.2.                                    | Spray-Bar/Spray-Ring                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.2.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.2.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.2.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.2.4.                                  | Cleaning/ Baking                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.3.                                    | Augmenter Fuel Control                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.3.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.3.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.3.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.4.                                    | Augmenter Fuel Pump                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.4.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.4.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.4.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.5.                                    | Augmenter Fuel Pump Filter                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.5.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.5.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.5.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.6.                                    | F100 Augmenter Fuel Pump Controller             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.6.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.6.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.6.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.7.                                    | Nozzle Actuator (Core Task F100 Only)           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.7.1.                                  | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.7.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.7.3.                                  | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.7.4.                                  | Rig                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                               | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                               | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                               | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                               |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.2.40.8.                                    | F100 Convergent Exhaust Nozzle Control (CENC) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.8.1.                                  | Remove                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.8.2.                                  | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.8.3.                                  | Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.8.4.                                  | Rigging                                       |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.9.                                    | Liner/Duct                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.9.1.                                  | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.9.2.                                  | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.9.3.                                  | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.10.                                   | Flame holder                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.10.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.10.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.10.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.11.                                   | Mixing Duct                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.11.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.11.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.11.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.12.                                   | Augmenter Igniter                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.12.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.12.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.12.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.13.                                   | Flame Sensor/Light-Off Detector               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.13.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.13.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.13.3.                                 | Clean                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.13.4.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.14.                                   | T5.6 Probe                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.14.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.14.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.14.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.15.                                   | Nozzle Position Transmitter/LVDT              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.15.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.15.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.15.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.15.4.                                 | Rig                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.40.16.                                   | Flap/Seals/Segment                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.40.16.1.                                 | Remove                                        |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.40.16.2.                                 | Inspect                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.40.16.3.                                 | Install                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.                                      | Turbine Section                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.1.                                    | Turbine Frame                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.1.1.                                  | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.1.2.                                  | Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.1.3.                                  | Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.1.4.                                  | Repair                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.2.                                    | Low Pressure Turbine (FDTM)                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.2.1.                                  | Remove                                        |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.2.2.                                  | Inspect                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.2.3.                                  | Install                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.3.                                    | High Pressure Turbine                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.3.1.                                  | Remove                                        |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.3.2.                                  | Inspect                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.3.3.                                  | Install                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.4.                                    | Blades/Nozzle Vanes & Segments                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.4.1.                                  | Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                       |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.2.41.4.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.4.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.5. Shroud Segments/Blade Outer Air Seal (BOAS) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.5.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.5.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.5.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.6. Combustion Section                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.6.1. Remove                                    |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.6.2. Inspect                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.6.3. Install                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.7. Diffuser Case/Combustor Diffuser Nozzle     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.7.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.7.2. Inspect                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.7.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.8. Engine Bearings                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.8.1. Remove                                    |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.8.2. Clean                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.8.3. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.8.4. Install                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.9. Fuel Manifolds                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.9.1. Remove                                    |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.9.2. Inspect                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.9.3. Install                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.10. Fuel Nozzles                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.10.1. Remove                                   |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.10.2. Inspect                                  |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.10.3. Install                                  |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 3.2.41.11. Compressor (Core)                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.11.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.11.2. Inspect                                  |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 3.2.41.11.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.12. Blades Compressor (Core)                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.12.1. Remove                                   |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.41.12.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.12.3. Install                                  |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.41.12.4. Repair (Blend)                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.13. Inlet Gearbox                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.13.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.13.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.13.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.14. Front Compressor Stator Case               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.14.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.14.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.14.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.15. VSV Bellcrank Support                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.15.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.15.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.15.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.15.4. Rig                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.16. Rear Compressor Stator Case                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.16.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.16.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.16.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                    | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                    |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 3.2.41.17.                                   | Fan Speed Sensor/N1 Speed Indicating System                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.17.1.                                 | Remove                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.17.2.                                 | Inspect                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.17.3.                                 | Install                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.17.4.                                 | Perform Fan Trim Balance                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.18.                                   | Lube Metering & Scavenge Pump                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.18.1.                                 | Remove                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.18.2.                                 | Inspect                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.18.3.                                 | Install                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.19.                                   | Fan Discharge Temperature Sensor                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.41.19.1.                                 | Remove                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.19.2.                                 | Inspect                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.41.19.3.                                 | Install                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.2.42.                                      | Engine Removal and Installation in Airframe                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.42.1.                                    | Remove Engine                                                      |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 3.2.42.2.                                    | Install Engine                                                     |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 3.2.42.3.                                    | Service Engine                                                     |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.43.                                      | Engine Maintenance Stands                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.43.1.                                    | Inspect Prior to Use                                               |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.43.2.                                    | Operate                                                            |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 3.2.43.3.                                    | Maintain                                                           |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 3.2.44.                                      | Engine Throttle Rigging<br>TR: Applicable Aircraft/Engine TOs      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.2.44.1.                                    | Rig                                                                |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 3.2.44.2.                                    | Inspect                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.                                         | SPECIAL CERTIFICATION<br>ROSTER TR: AFI 21-101                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 3.3.1.                                       | Installed Engine Run Certifying Official                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.2.                                       | All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank) |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.3.                                       | Aircraft Inlet/Intake/Exhaust Certifying Official                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.4.                                       | Flexible Borescope Certifying Official                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.5.                                       | Engine Blade Blend Certifying Official                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.6.                                       | Red X by Primary AFSC (PAFSC) and MDS                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.7.                                       | IPI by PAFSC and MDS                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.8.                                       | Red-X and/or IPI - Limited                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.9.                                       | Installed Engine Run by MDS                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.10.                                      | Engine Blade Blending                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.11.                                      | Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.12.                                      | Uninstalled Engine Run Certifying Official/ETS by TMS              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.13.                                      | Aircraft Inlet/Intake/Exhaust Certification                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 3.3.14.                                      | Engine Flexible Borescope Inspections                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                                                                     | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|-----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                        | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                                     | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 3.3.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 3.3.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 3.3.17. Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

| 1. Tasks, Knowledge and Technical References                                                                                                                                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |         |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|---------|---------------|
|                                                                                                                                                                                                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |            | B       |               |
|                                                                                                                                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  | (1) Course | (2) CDC | 5 Skill Level |
| ATTACHMENT 4                                                                                                                                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel in the apprentice (3-level) J3ABR2A631C048D (High Bypass) course.                                                                |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| NOTE 2: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on JT8D, TF33 and TF34                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| NOTE 4: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC for skill level upgrade until training capability becomes available. |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.1. GENERAL MAINTENANCE<br>TR: 1-1A-8, 1- 1A-14, 2-1-111,<br>44B-1-15, 2J-TF33-76, 1B-52H-10,<br>1B-52H-2-7JG series and<br>Applicable Aircraft/Engine TOs                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.1.1. Constructional Features                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -          | -       | -             |
| 4.1.2. Engine Systems                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | A                                                                              | -          | -       | -             |
| 4.1.3. Open Engine Cowling                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.1.4. Close Engine Cowling                                                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.1.5. Engine Garlock Seal                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.1.6. Use Interactive Electronic<br>Technical Manual System<br>(IETMS/Intermediate/<br>Organizational)                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2. ENGINE MAINTENANCE<br>TR: TOs 00-20-1, 00-35D-54, 1-1A-8,<br>2J-1-13, 2-1-111, 2J-TF33-76,<br>1B-52H-10, 1B-52H-2-7JG series<br>and Applicable Aircraft/Engine TOs                                               |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1. Engine Accessories                                                                                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.1. Engine Anti-Ice Valve                                                                                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.1.1. Remove                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.1.2. Inspect                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.1.3. Install                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.2. Fuel System                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.2.1. Theory                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.3. Fuel Pump                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.3.1. Remove                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.3.2. Inspect                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.3.3. Install                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.4. Fuel Control                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.4.1. Remove                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.4.2. Inspect                                                                                                                                                                                                    |               | *       |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.4.3. Install                                                                                                                                                                                                    | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -          | -       | -             |
| 4.2.1.5. Fuel Oil Cooler                                                                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.5.1. Remove                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.5.2. Inspect                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.5.3. Install                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.6. Fuel Filter                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |
| 4.2.1.6.1. Remove                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.6.2. Inspect                                                                                                                                                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.6.3. Install                                                                                                                                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             |
| 4.2.1.7. Fuel Manifold                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |

|                                              |                                              | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                              |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 4.2.1.7.1.                                   | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.7.2.                                   | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.7.3.                                   | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.8.                                     | Fuel Nozzles (External)                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.8.1.                                   | Remove                                       |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.8.2.                                   | Inspect                                      |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.8.3.                                   | Install                                      |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.9.                                     | Fuel Distributor                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.9.1.                                   | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.9.2.                                   | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.9.3.                                   | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.10.                                    | Pressurizing Valve (PV)                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.10.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.10.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.10.3.                                  | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.11.                                    | Exciter                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.11.1.                                  | Remove                                       | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.11.2.                                  | Inspect                                      |               | *       |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.11.3.                                  | Install                                      | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.12.                                    | Igniter Plug                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.12.1.                                  | Remove                                       | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.12.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.12.3.                                  | Install                                      | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.13.                                    | Igniter Lead                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.13.1.                                  | Remove                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.13.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.13.3.                                  | Install                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.14.                                    | Thermocouple Harness                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.14.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.14.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.14.3.                                  | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.15.                                    | Thermocouples                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.15.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.15.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.15.3.                                  | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.16.                                    | Engine Temperature Amplifier (T5)(TF34 Only) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.16.1.                                  | Remove                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.16.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.16.3.                                  | Install                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.17.                                    | Compressor Bleed System                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.17.1.                                  | TF33 Theory                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.18.                                    | Compressor Bleed Valve                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.18.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.18.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.18.3.                                  | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.19.                                    | Compressor Bleed Valve Actuator              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.19.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.19.2.                                  | Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.19.3.                                  | Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.20.                                    | Compressor Bleed Reset Valve                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.20.1.                                  | Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                 |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 4.2.1.20.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.20.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.21.                                    | Compressor Bleed Valve Accumulator              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.21.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.21.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.21.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.22.                                    | Stall Prevention Override Valve (TF33 Only)     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.22.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.22.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.22.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.23.                                    | Oil System                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.23.1.                                  | TF33 Oil System Theory                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.24.                                    | Oil Pump (Core Task TF34 Only)                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.24.1.                                  | Remove                                          | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.24.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.24.3.                                  | Install                                         | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -             | -       |
| 4.2.1.25.                                    | Oil Tank                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.25.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.25.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.25.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.25.4.                                  | Service                                         | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 4.2.1.26.                                    | Oil Pressure Relief Valve (Core Task TF33 Only) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.26.1.                                  | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.26.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.26.3.                                  | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.26.4.                                  | Adjust                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.27.                                    | Oil Breather Pressurizing Valve                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.27.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.27.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.27.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.28.                                    | Oil Filter/Screens                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.28.1.                                  | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.28.2.                                  | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.28.3.                                  | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.29.                                    | Chip Detectors (TF34 Only)                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.29.1.                                  | Remove                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.29.2.                                  | Inspect                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.29.3.                                  | Install                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.30.                                    | A Sump Scavenge Pump                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.30.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.30.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.30.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.31.                                    | Sump Accumulator                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.31.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.31.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.31.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.32.                                    | Vibration Accelerometers                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.32.1.                                  | Remove                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.32.2.                                  | Inspect                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.32.3.                                  | Install                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                               | 2. Core Tasks |   | 3. Certification For OJT |   |   |   |   | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------|---------------|---|--------------------------|---|---|---|---|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                               | A             | B | A                        | B | C | D | E | A                                                                              |         | B             |         |
|                                              |                               |               |   |                          |   |   |   |   | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                               |               |   |                          |   |   |   |   | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 4.2.1.33.                                    | Radial Drive Shaft            |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.33.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.33.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.33.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.34.                                    | Gearbox                       |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.34.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.34.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.34.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.35.                                    | Power Take Off (PTO) Assembly |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.35.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.35.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.35.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.36.                                    | FWD/AFT Spinner               |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.36.1.                                  | Remove                        | *             |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.36.2.                                  | Inspect                       |               | * |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.36.3.                                  | Install                       | *             |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.37.                                    | Fan Disk (TF34 Only)          |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.37.1.                                  | Remove                        |               |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.37.2.                                  | Inspect                       |               | * |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.37.3.                                  | Install                       |               |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.38.                                    | Fan Blades                    |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.38.1.                                  | Remove (Core Task TF34 Only)  | *             |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.38.2.                                  | Inspect                       |               | * |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.38.3.                                  | Install (Core Task TF34 Only) | *             |   |                          |   |   |   |   | -/2b                                                                           | -       | -             | -       |
| 4.2.1.38.4.                                  | Repair (Blend)                |               |   |                          |   |   |   |   | a                                                                              | -       | -             | -       |
| 4.2.1.38.5.                                  | Fan Trim Balance              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.39.                                    | Fan Case                      |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.39.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.39.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.39.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.40.                                    | Fan Stator Case               |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.40.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.40.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.40.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.41.                                    | Inlet Guide Vane (IGV) Case   |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.41.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.41.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.41.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.42.                                    | Bearings                      |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.42.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.42.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.42.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.43.                                    | Carbon Seals                  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.43.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.43.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.43.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.44.                                    | Front Frame                   |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.44.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.44.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.44.3.                                  | Install                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.45.                                    | Fan Speed Pick-Up/N1 Tach     |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 4.2.1.45.1.                                  | Remove                        |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 4.2.1.45.2.                                  | Inspect                       |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                |               |         |                          |          |                  |                  |                    | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 4.2.1.45.3.                                  | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.46.                                    | A-Sump Housing/Area Components |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.46.1.                                  | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.46.2.                                  | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.46.3.                                  | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.47.                                    | Fan Front Shaft                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.1.47.1.                                  | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.47.2.                                  | Disassemble                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.47.3.                                  | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.47.4.                                  | Assemble                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.1.47.5.                                  | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.                                       | Compressor (Core)              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.1.                                     | Assembly                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.1.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.1.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.1.3.                                   | Clearance Check                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.1.4.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.2.                                     | #3 Bearing Housing             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.2.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.2.2.                                   | Disassemble                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.2.3.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.2.4.                                   | Assemble                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.2.5.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.3.                                     | Blade Compressor (Core)        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.3.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.3.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.3.3.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.3.4.                                   | Repair (Blend)                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.4.                                     | FWD Stator Case                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.4.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.4.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.4.3.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.4.4.                                   | Repair                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.5.                                     | Rear Stator Case               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.5.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.5.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.5.3.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.5.4.                                   | Repair                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.6.                                     | Variable Guide Vanes           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.6.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.6.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.6.3.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.6.4.                                   | Rig                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.7.                                     | Actuator VG                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.7.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.7.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.7.3.                                   | Repair                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.7.4.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.7.5.                                   | Rig                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.8.                                     | Feedback Cable                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.2.8.1.                                   | Remove                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.8.2.                                   | Inspect                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.2.8.3.                                   | Install                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References       | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
|                                                    | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                    | 5 Level       | 7 Level | Tug<br>Start             | Tug<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 4.2.2.8.4. Rig                                     |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.2.9. Compressor Inlet Temperature (CIT) Sensor |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.2.9.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.2.9.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.2.9.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3. Combustion Section                          |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.1. Assembly                                  |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.1.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.1.2. Disassemble                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.1.3. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.1.4. Assemble                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.1.5. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.2. Combustion Case/Frame                     |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.2.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.2.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.2.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.3. Combustion Liner                          |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.3.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.3.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.3.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.4. B-Sump Assembly                           |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.4.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.4.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.4.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.5. Mount Ring                                |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.3.5.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.5.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.3.5.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4. High Pressure Turbine                       |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.1. Rotor Assembly                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.1.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.1.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.1.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.2. Nozzles                                   |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.2.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.2.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.2.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.3. Shroud Assembly/ Stage 2 Nozzles          |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.3.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.3.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.3.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.3.4. Measure/Grind                           |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.4. Stage 1 Blades                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.4.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.4.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.4.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.5. Fan Driveshaft                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.4.5.1. Remove                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.5.2. Inspect                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.4.5.3. Install                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.2.5. Low Pressure Turbine                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 4.2.5.1. Rotor                                     |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              | 5 Level       | 7 Level | Tug Start                | Tug Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 4.2.5.1.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.1.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.1.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.2. Turbine Exhaust Frame               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.2.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.2.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.2.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.3. Turbine Cases                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.3.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.3.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.3.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.4. Transition Case                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.4.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.4.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.4.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.5. Outer Transition Liner              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.5.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.5.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.5.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.6. Stage 3 Nozzle Segments             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.6.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.6.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.6.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.7. C-Sump Assembly                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.7.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.7.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.7.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.8. C-Sump Cover (TF34 Only)            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.8.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.8.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.8.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.9. TEMS Sensors                        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.5.9.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.9.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.5.9.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6. Quick Engine Change (QEC) Accessories |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.1. TF33 QEC Kit Theory                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.1.1. Inspect                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.1.2. Repair                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.2. Tachometer Generator                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.2.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.2.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.2.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.3. Fuel Flow Transmitter               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.3.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.3.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.3.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.4. Low Oil Pressure Switch             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.4.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.4.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.4.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                        | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|--------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                        | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                        | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                        | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 4.2.6.5.                                     | Oil Pressure Transmitter                               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.5.1.                                   | Remove                                                 | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.5.2.                                   | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.5.3.                                   | Install                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.6.                                     | Oil Differential Pressure Switch                       |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.6.1.                                   | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.6.2.                                   | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.6.3.                                   | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.7.                                     | Oil Temperature Sensor                                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.7.1.                                   | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.7.2.                                   | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.7.3.                                   | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.8.                                     | Engine Air Oil Cooler                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.8.1.                                   | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.8.2.                                   | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.8.3.                                   | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.9.                                     | Low Oil Quantity Switch                                |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.9.1.                                   | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.9.2.                                   | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.9.3.                                   | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.10.                                    | Constant Speed Drive (CSD) (TF33 Only)                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.10.1.                                  | TF33-103 Theory                                        |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.10.2.                                  | Remove                                                 | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.10.3.                                  | Inspect                                                |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.10.4.                                  | Install                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.10.5.                                  | Service Gearbox Pad                                    | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.11.                                    | Generator (TF33 Only)                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.11.1.                                  | TF33-103 Theory                                        |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.11.2.                                  | Remove                                                 | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.11.3.                                  | Inspect                                                |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.11.4.                                  | Install                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.12.                                    | Integrated Drive Generator (IDG) (Core Task TF34 Only) |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.12.1.                                  | Remove                                                 | *             |         |                          |               |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.12.2.                                  | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.12.3.                                  | Install                                                | *             |         |                          |               |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.12.4.                                  | Mate                                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.12.5.                                  | De-mate                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.12.6.                                  | Service                                                |               |         |                          |               |                  |                  |                    | a                                                                              | -       | -          | -       |
| 4.2.6.12.7.                                  | TF34 Theory                                            |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.13.                                    | CSD/IDG Filters                                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.13.1.                                  | Remove                                                 | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.13.2.                                  | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.13.3.                                  | Install                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.14.                                    | CSD Oil Tank (TF33 Only)                               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.14.1.                                  | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.14.2.                                  | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.14.3.                                  | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.14.4.                                  | Service                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.15.                                    | CSD/IDG Oil Cooler                                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.15.1.                                  | Remove                                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.15.2.                                  | Inspect                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.15.3.                                  | Install                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.16.                                    | Engine Starter                                         |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.16.1.                                  | Remove                                                 | *             |         |                          |               |                  |                  |                    | -/2b                                                                           | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 4.2.6.16.2. Inspect                          |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.16.3. Install                          | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.16.4. Service                          | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -          | -       |
| 4.2.6.17. Starter Control Valve              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.17.1. Remove                           | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.17.2. Inspect                          |               |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.17.3. Install                          | *             |         |                          |          |                  |                  |                    | -/2b                                                                           | -       | -          | -       |
| 4.2.6.18. Bleed Air Shutoff Valve            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.18.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.18.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.18.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.19. Hydraulic Pump                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.19.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.19.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.19.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.20. Hydraulic Oil Cooler               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.20.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.20.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.20.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.21. Engine Harness                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.21.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.21.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.21.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.22. Fire Loop                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.22.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.22.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.22.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.23. Tail Pipe/Tail Cone                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.23.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.23.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.23.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.24. Engine Throttle Linkage            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.24.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.24.2. Inspect                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.24.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.24.4. Rig                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.25. Fan Exit Fairing                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.25.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.25.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.25.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.26. Engine Pylon                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.26.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.26.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.26.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.27. Ring Cowl                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.27.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.27.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.27.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.28. Nacelle Anti-Ice Valve             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 4.2.6.28.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.28.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.28.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 4.2.6.29. Engine Mounts                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |

|                                              |                               | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                               | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                               | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                               |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 4.2.6.29.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.29.2.                                  | Disassemble                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.29.3.                                  | Inspect                       |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.29.4.                                  | Assemble                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.29.5.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.30.                                    | Nose Dome                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.30.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.30.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.30.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.31.                                    | Thrust Reverser               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.31.1.                                  | Theory                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.31.2.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.31.3.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.31.4.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.31.5.                                  | Rig                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.32.                                    | Thrust Reverser Actuator      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.32.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.32.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.32.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.33.                                    | Blocker Door                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.33.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.33.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.33.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.34.                                    | Translating Cowl              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.34.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.34.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.34.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.35.                                    | Actuator Sync Cables          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.35.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.35.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.35.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.35.4.                                  | Rig                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.36.                                    | Thrust Reverser Control Valve |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.36.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.36.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.36.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.37.                                    | Proximity Switch              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.37.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.37.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.37.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.38.                                    | Thrust Reverser Pump          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.38.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.38.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.38.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.39.                                    | Engine Cowl Anti-Ice Duct     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.6.39.1.                                  | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.39.2.                                  | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.6.39.3.                                  | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.7.                                       | Cowl Latches                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.7.1.                                     | Upper (Fwd/Aft)               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 4.2.7.1.1.                                   | Remove                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.7.1.2.                                   | Inspect                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 4.2.7.1.3.                                   | Install                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                                                                                                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 4.2.7.1.4.                                   | Repair                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.2.7.2.                                     | Lower (Fwd/Aft)                                                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.2.7.2.1.                                   | Remove                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.2.7.2.2.                                   | Inspect                                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.2.7.2.3.                                   | Install                                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.2.7.2.4.                                   | Repair                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.                                         | ENGINE INSPECTION and PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, 2J-1-13 and Applicable Aircraft/Engine/Hush House/Noise Sound Suppressor/Test Stand TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.3.1.                                       | Perform Inspections                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.3.1.1.                                     | Inlet and Exhaust                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.1.2.                                     | Special Inspections (Over Speed, Over Temperature)                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.1.3.                                     | Hush House (TF34)                                                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.2.                                       | Preventative Maintenance                                                                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.3.2.1.                                     | Clean Gas Turbine Aircraft Engines and Associated Parts                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.2.2.                                     | Perform Water Wash For Performance Recovery                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.2.3.                                     | Operate, Input/Retrieve/ Interpret Data from Turbine Engine Monitoring System (TEMS)                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.2.4.                                     | Uninstalled Engine Testing                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.3.2.5.                                     | Perform Compressor Wash                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.4.                                         | ENGINE REMOVAL and INSTALLATION in AIRFRAME                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.4.1.                                       | Remove Engine                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.4.2.                                       | Install Engine                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.5.                                         | ENGINE RIGGING TR: Applicable Aircraft/Engine TOs                                                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.5.1.                                       | Rig                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.5.2.                                       | Inspect                                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.                                         | SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 4.6.1.                                       | Installed Engine Run Certifying Official                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.2.                                       | All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.3.                                       | Aircraft Inlet/Intake/Exhaust Certifying Official                                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.4.                                       | Flexible Borescope Certifying Official                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.5.                                       | Engine Blade Blend Certifying Official                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.6.                                       | Red X by Primary AFSC (PAFSC) and MDS                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.7.                                       | IPI by PAFSC and MDS                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.8.                                       | Red-X and/or IPI - Limited                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.9.                                       | Installed Engine Run by MDS                                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 4.6.10.                                      | Engine Blade Blending                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                                    | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                       | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                                    | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 4.6.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                      |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.13. Aircraft Inlet/Intake/Exhaust Certification                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.14. Engine Flexible Borescope Inspections                                                      |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator      |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 4.6.17. Aircraft APU/GTC/APP Run Certifying Official                                               |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                                                                          |                                                                                                                                                                                                                       | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 5                                                                                                                                                                                                                                          |                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F138 (C-5M) engines.                                                                                                                   |                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                                                 |                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are optional for ANG and AFRC when training capability is not available, but must be accomplished when capability becomes available. |                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.1.                                                                                                                                                                                                                                                  | ENGINE INSPECTION and PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, and Applicable Aircraft/Engine TOs                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.1.1.                                                                                                                                                                                                                                                | Perform Inspections TR: TO 1C-5M-2-4, 1C-5M-6                                                                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.1.1.1.                                                                                                                                                                                                                                              | Inlet and Exhaust                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.1.2.                                                                                                                                                                                                                                              | Fan Exit Fairing                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.2.                                                                                                                                                                                                                                                | Clean Gas Turbine Aircraft Engines and Associated Parts TR: TO 2J-1-13                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.3.                                                                                                                                                                                                                                                | Operate, Input/Retrieve/ Interpret Data from Turbine/ Engine Monitoring System/ EDS (Engine Diagnostic System) (Operate Caution, Warning and Malfunction Display, etc.) TR: TO 1C-5M-2-6                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.4.                                                                                                                                                                                                                                                | Service/Inspect Engine Oil System                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.5.                                                                                                                                                                                                                                                | Service/Inspect Engine Start System                                                                                                                                                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.6.                                                                                                                                                                                                                                                | Service/Inspect Engine IDG System                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.1.7.                                                                                                                                                                                                                                                | Perform Compressor Wash                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.                                                                                                                                                                                                                                                  | ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/Engine TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/ Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.1.                                                                                                                                                                                                                                                | Cowlings                                                                                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.1.1.                                                                                                                                                                                                                                              | Fan Cowling TR: TO 1C-5M-2-4JG-1-1                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.1.1.1.                                                                                                                                                                                                                                            | Remove                                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.1.2.                                                                                                                                                                                                                                            | Inspect                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.1.3.                                                                                                                                                                                                                                            | Install                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.1.4.                                                                                                                                                                                                                                            | Open/Close                                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.1.5.                                                                                                                                                                                                                                            | Remove/Install Locks                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.1.6.                                                                                                                                                                                                                                            | Rig/Adjust Locks                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.                                                                                                                                                                                                                                              | Thrust Reverser Cowling TR: TO 1C-5M-2-4JG-1-1                                                                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.1.2.1.                                                                                                                                                                                                                                            | Remove                                                                                                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.2.                                                                                                                                                                                                                                            | Inspect                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.3.                                                                                                                                                                                                                                            | Install                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.4.                                                                                                                                                                                                                                            | Open/Close                                                                                                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.5.                                                                                                                                                                                                                                            | Remove/Install Locks                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.1.2.6.                                                                                                                                                                                                                                            | Rig/Adjust Locks                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References                                | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.1.3. Core Cowling TR: TO 1C-5M-2-4JG-1-1                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.1.3.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.1.3.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.1.3.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.1.3.4. Open/Close                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.1.3.5. Remove/Install Locks                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.1.3.6. Rig/Adjust Locks                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2. Engine Driven Hydraulic System TR: 1C-5M-2-3                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.1. Engine Driven Hydraulic Pump                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.2.1.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.1.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.1.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.2. Engine Driven Hydraulic Pump Filter Assembly                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.2.2.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.2.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.2.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.3. Engine Driven Valve (EDV) Solenoid                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.2.3.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.3.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.2.3.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.3. Anti-Ice System TR: 1C-5M-2-4 Series                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.3.1. Anti-Ice Valve TR: TO 1C-5M-2-4JG-5                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.3.1.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.3.1.2. Inspect                                                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.3.1.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4. AC Power Generation System                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.1. Integrated Drive Generator (IDG) TR: TO 1C-5M-2-7-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.4.1.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.1.2. Inspect                                                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.1.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.1.4. Operational Check                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.1.5. Troubleshoot                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.2. Integrated Drive Generator Sensors and Switches TR: TO 1C-5M-2-7-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.4.2.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.2.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.2.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.3. Integrated Drive Generator Filter TR: TO 1C-5M-2-7-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.4.3.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.3.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.3.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.4. Integrated Drive Generator Fuel/Oil Cooler TR: TO 1C-5M-2-7-1      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.4.4.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.4.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.4.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.4.5. Integrated Drive Generator Air/Oil Cooler TR: TO 1C-5M-2-7-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                                 | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 5.2.4.5.1. Remove                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.4.5.2. Inspect                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.4.5.3. Install                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.5. Fan Blade TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.5.1. Remove                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.5.2. Inspect                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.5.3. Install                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.5.4. Clean                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.5.5. Perform Fan Blade Blend Procedures                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6. Engine Pneumatic Systems                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.1. Variable Stator Vane (VSV) Actuator TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.1.1. Remove                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.1.2. Inspect                                                                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.1.3. Install                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.1.4. Open/Close                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.2. Variable Bleed Valve (VBV) Actuator TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.2.1. Remove                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.2.2. Inspect                                                                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.2.3. Install                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.2.4. Open/Close                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.3. Actuation Spacer Ring TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.3.1. Inspect                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.3.2. Rig/Adjust                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.4. Core Compartment Cooling Valve TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.4.1. Remove                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.4.2. Inspect                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.4.3. Install                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.4.4. Deactivation/Activation                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.5. High Pressure Turbine Active Clearance Control Valve TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.6.5.1. Remove                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.5.2. Inspect                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.5.3. Install                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.6.5.4. Deactivation/Activation                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.7. Horizontal Drive Shaft Housing TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.7.1. Inspect                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.7.2. Reseal                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.8. Accessory Gearbox Assembly TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.8.1. Perform Pressurization Test                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.9. Engine Inlet Cowl TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-2                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.9.1. Remove                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.9.2. Inspect                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.9.3. Install                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.10.                                      | Engine Drain Manifold TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-2                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.10.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.10.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.10.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.11.                                      | Fan Spinner TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.11.1.                                    | Remove                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.11.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.11.3.                                    | Install                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.12.                                      | Primary Exhaust Nozzle TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.12.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.12.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.12.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.13.                                      | Fwd Exhaust Center Body TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.13.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.13.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.13.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.14.                                      | Aft Exhaust Center Body TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.14.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.14.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.14.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.15.                                      | Horizontal Drive Shaft TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.15.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.15.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.15.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.16.                                      | Fan Case Fwd and Aft Inner and Outer Liners TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.16.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.16.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.16.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.17.                                      | Fan Frame Fairing TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.17.1.                                    | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.17.2.                                    | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.17.3.                                    | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.                                      | Engine Handling System (Boot Strap)                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.18.1.                                    | Manual System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-3, 1C-5M-2-4JG-1-4            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.18.1.1.                                  | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.1.2.                                  | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.1.3.                                  | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.2.                                    | Pneumatic System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-5                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.2.1.                                  | Remove                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.2.2.                                  | Inspect                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.18.2.3.                                  | Install                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.19.                                      | Engine Mounts                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                              |                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                            | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 5.2.19.1.                                    | Fwd Engine Mount TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-3, 1C-5M-2-4JG-1-4        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.19.1.1.                                  | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.19.1.2.                                  | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.19.1.3.                                  | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.19.2.                                    | Aft Engine Mount TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-3, 1C-5M-2-4JG-1-4        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.19.2.1.                                  | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.19.2.2.                                  | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.19.2.3.                                  | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.20.                                      | Accessory Drive Carbon Seal TR: TO 1C-5M-2-4, 1C-5M-2-4JG-2                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.20.1.                                    | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.20.2.                                    | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.20.3.                                    | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.21.                                      | T1.2 Fan Inlet Temperature Sensor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-7          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.21.1.                                    | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.21.2.                                    | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.21.3.                                    | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.22.                                      | Compressor Inlet Temperature Sensor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-7        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.22.1.                                    | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.22.2.                                    | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.22.3.                                    | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.23.                                      | T3 Compressor Discharge Temperature Sensor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-7 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.23.1.                                    | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.23.2.                                    | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.23.3.                                    | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.24.                                      | Variable Bleed Valve (Fan Bypass Valve) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.24.1.                                    | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.24.2.                                    | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.24.3.                                    | Install                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.                                      | Engine Fuel System                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.25.1.                                    | Hydro-Mechanical Unit (Fuel Control) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.25.1.1.                                  | Remove                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.1.2.                                  | Inspect                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.1.3.                                  | Install                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.2.                                    | Main Fuel Pump TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.25.2.1.                                  | Remove                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.2.2.                                  | Inspect                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.2.3.                                  | Install                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.3.                                    | Main Fuel Filter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 5.2.25.3.1.                                  | Remove                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.2.25.3.2.                                  | Inspect                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-----------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                                               | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                               | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                                                               | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 5.2.25.3.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.4. Main Fuel Pump Filter Assembly TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.4.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.4.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.4.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.5. Fuel High Pressure Regulator Shut-Off Valve (SOV) TR: TO 1C-5M-2-4; 1C-5M-2-4JG-3-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.5.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.5.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.5.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.6. Fuel Nozzle TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.6.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.6.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.6.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.7. Fuel/Oil Heat Exchanger TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.7.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.7.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.7.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.8. Servo Heat Exchanger TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.8.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.8.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.8.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.9. Engine Fuel Differential Pressure Switch TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.9.1. Remove                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.9.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.9.3. Install                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.10. Fuel Filter Differential Pressure Switch TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.25.10.1. Remove                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.10.2. Inspect                                                                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.25.10.3. Install                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26. Engine Start & Ignition System                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.26.1. Engine Starter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-10                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.26.1.1. Remove                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.1.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.1.3. Install                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.2. Starter Air Valve TR: TO 1C-5M-2-4, 1C-5M-2-4JG-10                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.26.2.1. Remove                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.2.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.2.3. Install                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.3. Engine Ignition Exciter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-4                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 5.2.26.3.1. Remove                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.3.2. Inspect                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.26.3.3. Install                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                         | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                         | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                         |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.26.4.                                    | Engine Ignition Lead and Insulator TR: TO 1C-5M-2-4, 1C-5M-2-4JG-4      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.26.4.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.26.4.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.26.4.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.26.5.                                    | Engine Ignitor Plug TR: TO 1C-5M-2-4, 1C-5M-2-4JG-4                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.26.5.1.                                  | Remove                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.26.5.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.26.5.3.                                  | Install                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.                                      | Engine Oil System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.1.                                    | No. 1 Bearing Manifold TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.1.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.1.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.1.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.2.                                    | No. 6 Bearing Oil Slinger TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.2.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.2.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.2.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.3.                                    | No. 6 Bearing Oil Slinger Supply Tube TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.3.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.3.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.3.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.4.                                    | No. 6 Bearing Oil Slinger Scavenge Tube TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.4.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.4.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.4.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.5.                                    | Engine Oil Filter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.5.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.5.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.5.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.6.                                    | Engine Oil Tank TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.6.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.6.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.6.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.7.                                    | Oil Tank Pressurization Valve TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.7.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.7.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.7.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.8.                                    | Oil Filter Differential Pressure Switch TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.27.8.1.                                  | Remove                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.8.2.                                  | Inspect                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.27.8.3.                                  | Install                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |     |        |     |
|---------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|-----|--------|-----|
|                                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |     | B      |     |
|                                                                                             | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1)                                                                            | (2) | (1)    | (2) |
|                                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | Course                                                                         | CDC | Course | CDC |
| 5.2.27.9. Magnetic Chip Detector Assembly<br>TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.27.9.1. Remove                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.9.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.9.3. Install                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.10. Engine Lube and Scavenge Pump<br>TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                 |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.27.10.1. Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.10.2. Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.10.3. Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.11. Engine Lube and Scavenge Pump<br>Screens/Filters TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9 |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.27.11.1. Remove                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.11.2. Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.27.11.3. Install                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28. Permanent Magnet Alternator (PMA)                                                   |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.28.1. Stator TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                                          |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.28.1.1. Remove                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28.1.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28.1.3. Install                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28.2. Rotor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                                           |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.28.2.1. Remove                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28.2.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.28.2.3. Install                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29. Thrust Reverser (T/R) System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1                      |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.29.1. Deactivate/Activate T/R System                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.2. Lock Out Thrust Reverser System                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.3. T/R Central Drive Unit (CDU) and Gearbox TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2        |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.29.3.1. Remove                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.3.2. Inspect                                                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.3.3. Install                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.3.4. Rig                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.4. T/R End Actuator and Gearbox TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                    |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.29.4.1. Remove                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.4.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.4.3. Install                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.4.4. Rig                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.5. T/R Pressure Regulator Shut-Off Valve (SOV) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-5       |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.29.5.1. Remove                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.5.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.5.3. Install                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.6. T/R "Y" Check Valve TR: TO 1C-5M-2-4, 1C-5M-2-4JG-5                               |               |         |                          |          |                  |                  |                    |                                                                                |     |        |     |
| 5.2.29.6.1. Remove                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |
| 5.2.29.6.2. Inspect                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -   | -      | -   |

|                                              |                                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                                            |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.29.6.3.                                  | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.7.                                    | T/R Cowl Door Hydraulic Actuator TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.7.1.                                  | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.7.2.                                  | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.7.3.                                  | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.8.                                    | T/R Gearbox Housing TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.8.1.                                  | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.8.2.                                  | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.8.3.                                  | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.9.                                    | T/R Position Sensor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.9.1.                                  | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.9.2.                                  | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.9.3.                                  | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.10.                                   | T/R Switches TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.10.1.                                 | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.10.2.                                 | Inspect                                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.10.3.                                 | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.11.                                   | T/R Directional Pilot Valve (DPV) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.11.1.                                 | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.11.2.                                 | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.11.3.                                 | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.12.                                   | T/R DPV Inlet Filter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.12.1.                                 | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.12.2.                                 | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.12.3.                                 | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.13.                                   | T/R DPV Pressure Switch TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-2                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.13.1.                                 | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.13.2.                                 | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.13.3.                                 | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.14.                                   | T/R Flexible/Sync Shafts TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-3                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.14.1.                                 | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.14.2.                                 | Inspect                                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.14.3.                                 | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.15.                                   | Thrust Reverser Actuation System (TRAS) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1, 1C-5M-2-4JG-8-3 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.15.1.                                 | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.15.2.                                 | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.15.3.                                 | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.16.                                   | TRAS Lock Flex Shaft TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1, 1C-5M-2-4JG-8-3                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.29.16.1.                                 | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.16.2.                                 | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.29.16.3.                                 | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                                       | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                       | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                                                       | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 5.2.29.17.                                   | Engine and T/R Electrical Harness TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-1, 1C-5M-2-4JG-8-2, 1C-5M-2-4JG-8-3 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.29.17.1.                                 | Remove                                                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.17.2.                                 | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.17.3.                                 | Install                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.18.                                   | T/R Blocker Door TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-3                                                    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.29.18.1.                                 | Remove                                                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.18.2.                                 | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.18.3.                                 | Install                                                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.19.                                   | T/R Vane Deflectors (Cascades) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-8-3                                      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.29.19.1.                                 | Remove                                                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.19.2.                                 | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.29.19.3.                                 | Install                                                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.                                      | Engine Controlling System                                                                             |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.30.1.                                    | Electronic Engine Control (EEC) TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.30.1.1.                                  | Remove                                                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.1.2.                                  | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.1.3.                                  | Install                                                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.1.4.                                  | Operational Fundamentals                                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.1.5.                                  | Perform Operational Check                                                                             |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.1.6.                                  | Troubleshoot System                                                                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.2.                                    | Electronic Engine Control Harness Assemblies TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.30.2.1.                                  | Remove                                                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.2.2.                                  | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.30.2.3.                                  | Install                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.                                      | Engine Indicating Systems                                                                             |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.31.1.                                    | Oil Pressure Indicating System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.31.1.1.                                  | Operational Fundamentals                                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.1.2.                                  | Perform Operational Check                                                                             |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.1.3.                                  | Troubleshoot System                                                                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.2.                                    | Oil Pressure Transmitter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.31.2.1.                                  | Remove                                                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.2.2.                                  | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.2.3.                                  | Install                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.3.                                    | Oil Pressure Interface Unit TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                           |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.31.3.1.                                  | Remove                                                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.3.2.                                  | Inspect                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.3.3.                                  | Install                                                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.4.                                    | Oil Quantity Indicating System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 5.2.31.4.1.                                  | Operational Fundamentals                                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.4.2.                                  | Perform Operational Check                                                                             |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.4.3.                                  | Troubleshoot System                                                                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 5.2.31.5.                                    | Oil Level Transmitter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |

| 1. Tasks, Knowledge and Technical References                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                 |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.31.5.1. Remove                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.5.2. Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.5.3. Install                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.6. Oil Temperature Indicating System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.6.1. Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.6.2. Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.6.3. Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.7. Oil Temperature Sensor TR: TO 1C-5M-2-4, 1C-5M-2-4JG-9                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.7.1. Remove                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.7.2. Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.7.3. Install                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.8. Integrated Drive Generator (IDG) Oil Temperature Indicating System TR: TO 1C-5M-2-7-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.8.1. Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.8.2. Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.8.3. Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.9. Fuel Flow Indicating System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.9.1. Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.9.2. Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.9.3. Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.10. Fuel Flow Transmitter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.10.1. Remove                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.10.2. Inspect                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.10.3. Install                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.11. Engine RPM Indicating System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-7                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.11.1. Operational Fundamentals                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.11.2. Perform Operational Check                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.11.3. Troubleshoot System                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.12. Engine RPM Sensors TR: TO 1C-5M-2-4, 1C-5M-2-4JG-7                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.12.1. Remove                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.12.2. Inspect                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.12.3. Install                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.13. Engine Fuel Pressure System TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.13.1. Operational Fundamentals                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.13.2. Perform Operational Check                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.13.3. Troubleshoot System                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.14. Engine Fuel Pressure Transmitter TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.14.1. Remove                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.14.2. Inspect                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.14.3. Install                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.15. Engine Fuel Pressure Interface Unit TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.15.1. Remove                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.15.2. Inspect                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References                                               | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                            |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 5.2.31.15.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.16. Engine Fuel Temperature System<br>TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.16.1. Operational Fundamentals                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.16.2. Perform Operational Check                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.16.3. Troubleshoot System                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.17. Engine Fuel Temperature Sensor<br>TR: TO 1C-5M-2-4, 1C-5M-2-4JG-3-2             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.31.17.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.17.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.31.17.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32. F-138-GE-100 TR: TO 1C-5M-2-4, 1C-5M-2-4JG-1-2, 1C-5M-2-4JG-1-3                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.1. General                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.1.1. Perform Engine Removal Preparation                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.2. Perform Engine Removal                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.3. Perform Engine Installation Preparation                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.4. Install Engine                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.5. Inspect Installed Engine                                                       |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.6. Perform Engine Preservation/De-Preservation TR: TO 1C-5M-2-4JG-12-2            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.7. Engine Transfer Between Stand or Dolly                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.1.8. Engine Transfer Between Engine Cradles                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.2. Engine Operation TR: TO 1C-5M-2-4, 1C-5M-2-4CL-1                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.2.1. Perform Engine Run                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.2.2. Perform Operational Checks                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.2.3. Inspect Engine Intakes and Exhausts (Pre/Post Engine Run)                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.3. Engine Inspection and Preventative Maintenance/Service TR: TO 1C-5M-2-4, 1C-5M-6 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.3.1. Compressor Borescope Blade Blending                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.3.2. Special Inspections (Over-Speed, Over-Temp, etc.)                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.3.3. Inspect Engine Intakes and Exhaust (BPO) TR: TO 1C-5M-6WC-3                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.4. Engine Cleaning TR: TO 1C-5M-2-4JG-12-2                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.4.1. Internal                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.4.2. External                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.5. Oil System Flushing TR: TO 1C-5M-2-4JG-12-2                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.2.32.5.1. Drain                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.2.32.5.2. Flush                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.3. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                                                                                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                        | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 5.3.1. Installed Engine Run Certifying Official                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.2. All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In- Tank)                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.3. Aircraft Inlet/Intake/Exhaust                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.4. Flexible Borescope Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.5. Engine Blade Blend Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.6. Red X by Primary AFSC (PAFSC) and MDS                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.7. IPI by PAFSC and MDS                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.8. Red-X and/or IPI - Limited                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.9. Installed Engine Run by MDS                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.10. Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.13. Aircraft Inlet/Intake/Exhaust                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.14. Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 5.3.17. Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                                                                                                                               |                                                                                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                  |                                                                                                                    | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                               |                                                                                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 6                                                                                                                                                                                  |                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in this attachment will apply to personnel in the apprentice (3-level) J3ABR2A631C048D (High Bypass) course.                                           |                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F108 (R/KC135 R/T, C-40) engines.                                              |                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.                                                                         |                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 4: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available. |                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.1.                                                                                                                                                                                          | ENGINE INSPECTION AND PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, and Applicable Aircraft/Engine TOs     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.1.1.                                                                                                                                                                                        | Constructional Features                                                                                            |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 6.1.2.                                                                                                                                                                                        | Engine Systems                                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 6.1.3.                                                                                                                                                                                        | Perform Inspections                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.1.3.1.                                                                                                                                                                                      | Inlet and Exhaust                                                                                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.2.                                                                                                                                                                                      | Fan and Booster                                                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.3.                                                                                                                                                                                      | Fan Hub                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.4.                                                                                                                                                                                      | High Pressure Compressor                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.5.                                                                                                                                                                                      | Forward Stator Cases                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.6.                                                                                                                                                                                      | Rear Stator Cases                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.7.                                                                                                                                                                                      | Compressor Discharge Nozzle (CDN) Case                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.8.                                                                                                                                                                                      | Combustion Chamber                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.9.                                                                                                                                                                                      | High Pressure Turbine                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.10.                                                                                                                                                                                     | High Pressure Turbine Nozzle                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.11.                                                                                                                                                                                     | 1st stage LPT Nozzle/High Pressure Turbine Shroud                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.12.                                                                                                                                                                                     | Low Pressure Turbine                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.13.                                                                                                                                                                                     | Low Pressure Turbine Case                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.14.                                                                                                                                                                                     | Turbine Frame                                                                                                      |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.3.15.                                                                                                                                                                                     | Special Inspections (Over Speed, Over Temperature, etc.) TR: TO 1C-135R-6                                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.4.                                                                                                                                                                                        | Clean Gas Turbine Aircraft Engines and Associated Parts TR: TO 2J-1-13                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.5.                                                                                                                                                                                        | Fuel Filter Differential Pressure Checks                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.6.                                                                                                                                                                                        | Engine Monitoring System Theory                                                                                    |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -                  | -       |
| 6.1.7.                                                                                                                                                                                        | Operate, /Retrieve/ Data from Turbine/ Engine Monitoring System or Data Download Transfer Unit (DDTU) K/R 135 Only | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.8.                                                                                                                                                                                        | Analyze Data from Turbine/Engine Monitoring System or Data Download Transfer Unit (DDTU) K/R 135 Only              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.1.9.                                                                                                                                                                                        | Perform Compressor Wash                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.2.                                                                                                                                                                                          | ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/Engine TOs        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.2.1.                                                                                                                                                                                        | Apply/Disconnect External Electrical Power                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.2.2.                                                                                                                                                                                        | Apply/Disconnect External Pneumatic Power                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                      | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                      | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                      | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 6.2.3.                                       | Fan Blade                                            |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.3.1.                                     | Remove                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.3.2.                                     | Inspect                                              |               | *       |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.3.3.                                     | Install                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.3.4.                                     | Repair (Blend)                                       |               |         |                          |               |                  |                  |                    | a                                                                              | -       | -          | -       |
| 6.2.4.                                       | Fan Outlet Guide Vanes                               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.4.1.                                     | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.4.2.                                     | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.4.3.                                     | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.5.                                       | Acoustical Panels                                    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.5.1.                                     | Remove                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.5.2.                                     | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.5.3.                                     | Install                                              | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.6.                                       | Idle Reset Solenoid                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.6.1.                                     | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.6.2.                                     | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.6.3.                                     | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.7.                                       | Compressor Bleed System                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.7.1.                                     | Theory                                               |               |         |                          |               |                  |                  |                    | A                                                                              | -       | -          | -       |
| 6.2.8.                                       | Bleed Valve and Master Ball Screw Actuator Assembly  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.8.1.                                     | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.8.2.                                     | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.8.3.                                     | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.9.                                       | Bleed Valve and Ball Screw Actuator Assembly         |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.9.1.                                     | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.9.2.                                     | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.9.3.                                     | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.10.                                      | VBV Stop Mechanism                                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.10.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.10.2.                                    | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.10.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.11.                                      | VBV Fuel Gear Motor                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.11.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.11.2.                                    | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.11.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.12.                                      | VBV Feedback Cable                                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.12.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.12.2.                                    | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.12.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.13.                                      | VSV Feedback Cable                                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.13.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.13.2.                                    | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.13.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.14.                                      | Throttle Gear Box                                    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.14.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.14.2.                                    | Inspect                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.14.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.15.                                      | High Pressure Turbine Clearance Control Valve (TCCV) |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.15.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.15.2.                                    | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                           | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                           |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 6.2.15.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.16.                                      | Fuel pump                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.16.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.16.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.16.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.17.                                      | Main Engine Control/Hydro-Mechanical Unit |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.17.1.                                    | Remove                                    | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.17.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.17.3.                                    | Install                                   | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.18.                                      | Heat Exchanger                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.18.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.18.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.18.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.19.                                      | Fuel Filter                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.19.1.                                    | Remove                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.19.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.19.3.                                    | Install                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.20.                                      | Fuel Nozzles (External)                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.20.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.20.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.20.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.21.                                      | Fuel Flow Transmitter                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.21.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.21.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.21.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.22.                                      | Integrated Drive Generator (IDG)          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.22.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.22.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.22.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.22.4.                                    | Service                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.23.                                      | IDG Oil Cooler                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.23.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.23.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.23.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.24.                                      | Engine Starter                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.24.1.                                    | Remove                                    | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.24.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.24.3.                                    | Install                                   | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.24.4.                                    | Sealol/Seal                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.24.5.                                    | Service                                   | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 6.2.25.                                      | Starter Control Valve                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.25.1.                                    | Remove                                    | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.25.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.25.3.                                    | Install                                   | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -             | -       |
| 6.2.26.                                      | Hydraulic Pump                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.26.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.26.2.                                    | Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.26.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.27.                                      | Engine Harness                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.27.1.                                    | Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.27.2.                                    | Inspect                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.27.3.                                    | Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                        | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                        | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    |                                                                                |         |            |         |
|                                              |                        | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 6.2.28.                                      | Fire Loop              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.28.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.28.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.28.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.29.                                      | Tail Pipe/Tail Cone    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.29.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.29.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.29.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.30.                                      | Fan Cowling            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.30.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.30.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.30.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.30.4.                                    | Open/Close             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.31.                                      | Fan Duct               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.31.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.31.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.31.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.31.4.                                    | Open/Close             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.32.                                      | Anti-Ice System        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.32.1.                                    | Theory                 |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 6.2.33.                                      | Ring Cowl              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.33.1.                                    | Remove                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.33.2.                                    | Inspect                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.33.3.                                    | Install                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.34.                                      | Nacelle Anti-Ice Valve |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.34.1.                                    | Remove                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.34.2.                                    | Inspect                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.34.3.                                    | Install                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.35.                                      | Engine Mounts          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.35.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.35.2.                                    | Inspect                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.35.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.36.                                      | Front Spinner Cone     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.36.1.                                    | Remove                 | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.36.2.                                    | Inspect                |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.36.3.                                    | Install                | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.37.                                      | Rear Spinner Cone      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.37.1.                                    | Remove                 | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.37.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.37.3.                                    | Install                | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.38.                                      | Oil Pump               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.38.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.38.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.38.3.                                    | Install                |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.39.                                      | Oil Tank               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.39.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.39.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.39.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.39.4.                                    | Service                | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -          | -       |
| 6.2.40.                                      | Oil Filter             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 6.2.40.1.                                    | Remove                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.40.2.                                    | Inspect                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.40.3.                                    | Install                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                           | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|-------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                           | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                           | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 6.2.41.                                      | Chip Detectors                            |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.41.1.                                    | Remove                                    | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.41.2.                                    | Inspect                                   |               | *       |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.41.3.                                    | Install                                   | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.42.                                      | Oil Pressure Transmitter                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.42.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.42.2.                                    | Inspect                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.42.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.43.                                      | Oil Differential Pressure Switch          |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.43.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.43.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.43.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.44.                                      | Oil Temperature Sensor                    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.44.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.44.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.44.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.45.                                      | Low Oil Pressure Switch                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.45.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.45.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.45.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.46.                                      | N1 Speed Sensor                           |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.46.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.46.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.46.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.47.                                      | N2 Control Alternator                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.47.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.47.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.47.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.48.                                      | Power Management Control                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.48.1.                                    | Remove                                    | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.48.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.48.3.                                    | Install                                   | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.49.                                      | T-12 Sensor                               |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.49.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.49.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.49.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.50.                                      | Compressor Inlet Temperature (CIT) Sensor |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.50.1.                                    | Remove                                    |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.50.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.50.3.                                    | Install                                   |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.51.                                      | Exciter                                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.51.1.                                    | Remove                                    | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.51.2.                                    | Inspect                                   |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.51.3.                                    | Install                                   | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.52.                                      | Igniter Plug                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.52.1.                                    | Remove                                    | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.52.2.                                    | Inspect                                   |               | *       |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.52.3.                                    | Install                                   | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 6.2.53.                                      | Igniter Lead                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 6.2.53.1.                                    | Remove                                    | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.53.2.                                    | Inspect                                   |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 6.2.53.3.                                    | Install                                   | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                      |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 6.2.54.                                      | Thermocouple Harness                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.54.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.54.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.54.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.55.                                      | Thermocouples                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.55.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.55.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.55.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.56.                                      | LPT Cooling Manifold                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.56.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.56.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.56.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.57.                                      | Transfer Gearbox                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.57.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.57.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.57.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.58.                                      | Transfer Gearbox Magnetic/Sealol Seal                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.58.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.58.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.58.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.59.                                      | Accessory Gearbox                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.59.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.59.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.59.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.60.                                      | Accessory Transfer Gearbox Magnetic/Sealol Seal                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.60.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.60.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.60.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.61.                                      | 5th Stage Bleed Air Check Valve                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.61.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.61.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.61.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.62.                                      | Speed Control Box                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.62.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.62.2.                                    | Inspect                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.62.3.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.63.                                      | Turbine Frame Assembly (Oil Supply Tube, Oil Inlet Cover)            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.63.1.                                    | Remove                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.63.2.                                    | Inspect                                                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.63.3.                                    | Clean                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.63.4.                                    | Install                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.64.                                      | Engine Rigging TR: Applicable Aircraft/ Engine TOs                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 6.2.64.1.                                    | Rig Engine Variable Stator Vane (VSV) Feedback Cable                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.64.2.                                    | Rig Engine Variable Bleed Valve (VBV) Feedback Cable                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.64.3.                                    | Perform Main Engine Control Cable Rigging (Throttle Quadrant to MEC) |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 6.2.64.4.                                    | PMC Test                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 6.2.64.5.                                    | PLA Gain Adjustment                                                                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.                                         | AIRCRAFT INSTALLED ENGINE TESTING TR: Applicable Aircraft/ Engine TOs                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.3.1.                                       | Theory                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.2.                                       | Perform Engine Run                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.3.                                       | Engine Trim Position “A”                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.4.                                       | Engine Trim Position “B” /Trim Supervisor                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.5.                                       | Engine Trim Position “C”                                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.6.                                       | Perform Fan Balance                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.7.                                       | Audible Ignition System Check-Out                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.8.                                       | Install, Operate and Remove Remote Trim Equipment                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.9.                                       | Engine Leak Check                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.3.10.                                      | Perform Engine Dynamic Rigging (VBV/VSV/MEC)                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.4.                                         | AIRCRAFT ENGINE TESTING TR: Applicable Aircraft/ Engine TOs                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.4.1.                                       | Theory                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.5.                                         | ENGINE REMOVAL AND INSTALLATION IN AIRFRAME TR: TOs 1-1A-8, 2J-1-24, and Applicable Aircraft TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.5.1.                                       | Remove Engine                                                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.5.2.                                       | Install Engine                                                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.                                         | SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 6.6.1.                                       | Installed Engine Run Certifying Official                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.2.                                       | All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.3.                                       | Aircraft Inlet/Intake/Exhaust Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.4.                                       | Flexible Borescope Certifying Official                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.5.                                       | Engine Blade Blend Certifying Official                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.6.                                       | Red X by Primary AFSC (PAFSC) and MDS                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.7.                                       | IPI by PAFSC and MDS                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.8.                                       | Red-X and/or IPI - Limited                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.9.                                       | Installed Engine Run by MDS                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.10.                                      | Engine Blade Blending                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.11.                                      | Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.12.                                      | Uninstalled Engine Run Certifying Official/ETS by TMS                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.13.                                      | Aircraft Inlet/Intake/Exhaust Certification                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.14.                                      | Engine Flexible Borescope Inspections                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 6.6.15.                                      | Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                               | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|-----------------------------------------------------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                  | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                               | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 6.6.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 6.6.17. Aircraft APU/GTC/APP Run Certifying Official                                          |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

|                                                                                                                                                                                               |                                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                  |                                                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                               |                                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 7                                                                                                                                                                                  |                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F103 (CF6) engines.                                                            |                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                         |                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available. |                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.1.                                                                                                                                                                                          | ENGINE INSPECTION AND PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, and Applicable Aircraft/Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.1.1.                                                                                                                                                                                        | Perform Inspections                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.1.1.1.                                                                                                                                                                                      | Inlet and Exhaust                                                                                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.1.1.2.                                                                                                                                                                                      | Special Inspections (Over Speed, Over Temperature, Isochronal, etc.)                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.1.1.3.                                                                                                                                                                                      | Fan Exit Fairing                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.1.2.                                                                                                                                                                                        | Clean Gas Turbine Aircraft Engines and Associated Parts TR: TO 2J-1-13                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.1.3.                                                                                                                                                                                        | Fuel Filter Differential Pressure Checks                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.1.4.                                                                                                                                                                                        | Perform Compressor Wash                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.                                                                                                                                                                                          | ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/Engine TOs    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.1.                                                                                                                                                                                        | Nozzles Exhaust                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.1.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.1.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.1.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.2.                                                                                                                                                                                        | Thrust Reverser Ballscrew Actuator                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.2.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.2.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.2.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.3.                                                                                                                                                                                        | Variable Bleed Valve Actuator                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.3.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.3.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.3.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.4.                                                                                                                                                                                        | N1 Speed Sensor                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.4.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.4.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.4.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.5.                                                                                                                                                                                        | N2 Speed Sensor                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.5.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.5.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.5.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.6.                                                                                                                                                                                        | Engine Fuel Differential Pressure Switch                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.6.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.6.2.                                                                                                                                                                                      | Inspect                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.6.3.                                                                                                                                                                                      | Install                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 7.2.7.                                                                                                                                                                                        | Sound Suppression Panels                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 7.2.7.1.                                                                                                                                                                                      | Remove                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References |                                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|---------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                       |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 7.2.7.2.                                     | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.7.3.                                     | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.8.                                       | Variable Stator Vane Actuator         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.8.1.                                     | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.8.2.                                     | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.8.3.                                     | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.9.                                       | Constant Speed Drive                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.9.1.                                     | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.9.2.                                     | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.9.3.                                     | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.9.4.                                     | Service                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.10.                                      | Integrated Drive Generator            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.10.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.10.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.10.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.10.4.                                    | Service                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.11.                                      | Constant Speed Drive Sensors/Switches |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.11.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.11.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.11.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.12.                                      | Constant Speed Drive Filter           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.12.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.12.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.12.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.13.                                      | Constant Speed Drive Heat Exchanger   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.13.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.13.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.13.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.14.                                      | Engine Fan Cowl                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.14.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.14.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.14.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.14.4.                                    | Open                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.14.5.                                    | Close                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.15.                                      | Engine Core Cowl                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.15.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.15.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.15.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.15.4.                                    | Open                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.15.5.                                    | Close                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.16.                                      | Engine Nose Cowl                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.16.1.                                    | Remove                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.16.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.16.3.                                    | Install                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.17.                                      | Engine Cowling Support Rods           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.17.1.                                    | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.17.2.                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.17.3.                                    | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.18.                                      | Engine Spinner Cone Inlet             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.18.1.                                    | Remove                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.18.2.                                    | Inspect                               |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.18.3.                                    | Install                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 7.2.19.                                      | Engine N1 Fan Blade                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.19.1.                                    | Remove                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.19.2.                                    | Inspect                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.19.3.                                    | Install                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.19.4.                                    | Repair (Blend)                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.20.                                      | Engine Gearbox Garlock Seals         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.20.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.20.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.20.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.21.                                      | Main Engine Control (MEC)            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.21.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.21.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.21.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.22.                                      | Engine Pressure and Dump Valve (P&D) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.22.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.22.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.22.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.23.                                      | Engine CIT Sensor                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.23.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.23.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.23.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.24.                                      | Engine Eductor Valve                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.24.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.24.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.24.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.25.                                      | Engine Flight/Idle Solenoid Valve    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.25.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.25.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.25.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.26.                                      | Engine Fuel Filter                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.26.1.                                    | Remove                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.26.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.26.3.                                    | Install                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.27.                                      | Engine Main Fuel Pump                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.27.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.27.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.27.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.28.                                      | Engine Ignition Lead                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.28.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.28.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.28.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.29.                                      | Engine Igniter Plug                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.29.1.                                    | Remove                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.29.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.29.3.                                    | Install                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.30.                                      | Engine Ignition Exciter              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.30.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.30.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.30.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.31.                                      | Engine Variable Stator Vane Cable    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.31.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.31.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                            |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 7.2.31.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.32.                                      | Thrust Reverser Pneumatic Drive Motor (PDM)                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.32.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.32.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.32.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.32.4.                                    | Service                                                    | *             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.33.                                      | PDM Flex Shaft Cable                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.33.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.33.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.33.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.34.                                      | Thrust Reverser Directional Switch                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.34.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.34.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.34.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.35.                                      | Thrust Reverser Pneumatic Limit Switch                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.35.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.35.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.35.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.36.                                      | Thrust Reverser Directional Control Solenoid Valve         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.36.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.36.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.36.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.37.                                      | Thrust Reverser Directional Pilot Valve                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.37.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.37.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.37.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.38.                                      | Thrust Reverser Interlock Solenoid Valve                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.38.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.38.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.38.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.39.                                      | Thrust Reverser Overpressure and Inlet Shutoff Valve (OPI) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.39.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.39.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.39.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.40.                                      | Thrust Reverser Pressure Regulator Valve                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.40.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.40.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.40.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.41.                                      | Thrust Reverser Throttle Interlock Valve                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.41.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.41.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.41.3.                                    | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.42.                                      | Thrust Reverser Translating Cowl                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.42.1.                                    | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.42.2.                                    | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                      |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 7.2.42.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.42.4.                                    | Open                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.42.5.                                    | Close                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.43.                                      | Thrust Reverser Blocker Door         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.43.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.43.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.43.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.44.                                      | Thrust Reverser Stow/Deploy Switch   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.44.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.44.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.44.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.45.                                      | Thrust Reverser Interlock Actuator   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.45.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.45.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.45.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.46.                                      | Engine Lubrication Filters/Strainers |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.46.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.46.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.46.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.47.                                      | Engine Fuel/Oil Heat Exchanger       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.47.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.47.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.47.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.48.                                      | Engine Lube and Scavenge Pump        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.48.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.48.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.48.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.49.                                      | Engine Oil System                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.49.1.                                    | Theory                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.50.                                      | Engine Oil System Switches/Sensors   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.50.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.50.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.50.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.51.                                      | Engine Oil tank                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.51.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.51.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.51.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.52.                                      | Transfer Gearbox                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.52.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.52.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.52.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.53.                                      | Main Oil Chip Detector               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.53.1.                                    | Remove                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.53.2.                                    | Inspect                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.53.3.                                    | Install                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.54.                                      | Engine Starter Control Valve         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.54.1.                                    | Remove                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.54.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.54.3.                                    | Install                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.55.                                      | Engine Fuel Nozzle                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.2.55.1.                                    | Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.55.2.                                    | Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.2.55.3.                                    | Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                                       | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 7.2.56. Fuel Flow Electronic Unit (Transmitter)                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.2.56.1. Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.56.2. Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.56.3. Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.57. Thrust Reverser Actuation System (TRAS)                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.2.57.1. Thrust Reverser Actuation System (TRAS) System Operation                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.58. Actuation System Lock Switcher Valve                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.2.58.1. Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.58.2. Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.58.3. Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.59. Actuation System Lock Relay Box                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.2.59.1. Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.59.2. Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.59.3. Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.60. Actuation System Lock Switcher                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.2.60.1. Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.60.2. Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.2.60.3. Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.3. ENGINE RIGGING TR: Applicable Aircraft/Engine TOs                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.3.1. Rig Variable Stator Vane/Bypass Valve Actuators/Bleed Valves                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.3.2. Rig MEC Cable                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4. AIRCRAFT INSTALLED ENGINE TESTING TR: Applicable Aircraft/Engine TOs                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.4.1. Perform Engine Run                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.2. Perform Engine Trim (Core Task KC-10 Only)                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.3. Perform Coke Cleaning Procedures                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.4. Perform Power Assurance Check (Core Task KC-10 Only)                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.5. Deactivate/Activate Thrust Reversers                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.6. Fan Trim Balance                                                                               |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.7. Perform Distribution System Operational Check (Audible)                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.4.8. Install, Operate, and Remove Trim Equipment                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5. ENGINE REMOVAL and INSTALLATION IN AIRFRAME TR: TOs 1-1A-8, 2J-1-24, and Applicable Aircraft TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.5.1. Wing Engines                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.5.1.1. Remove Engine                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5.1.2. Install Engine                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5.1.3. Service Engine                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5.2. Engine Mounts                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 7.5.2.1. Remove                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5.2.2. Inspect                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 7.5.2.3. Install                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|---------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                   | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                   | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                   |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 7.5.2.4. Assemble                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.5.2.5. Disassemble                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.5.3. Tail Engines                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.5.3.1. Remove Engine                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.5.3.2. Install Engine                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.5.3.3. Service Engine                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.6. ENGINE CORE BLADES                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.6.1. Bore Blend                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.7. ENGINE THROTTLE PUSH/PULL CABLE              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.7.1. Remove                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.7.2. Inspect                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.7.3. Install                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.7.4. Rig                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.8. FUEL CONTROL SHUT-OFF CABLE                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.8.1. Remove                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.8.2. Inspect                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.8.3. Install                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.8.4. Rig                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.9. ENGINE VARIABLE BLEED VALVE CABLE            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.9.1. Remove                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.9.2. Inspect                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.9.3. Install                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.10. ENGINE PNEUMATIC STARTER                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.10.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.10.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.10.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.10.4. Service                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.11. ENGINE GENERATOR                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.11.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.11.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.11.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.11.4. Service                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.12. AERIAL REFUELING BOOM                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.12.1. Raise/Lower                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.13. WING ENGINE FAN CORE THRUST REVERSER HALVES |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.13.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.13.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.13.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.13.4. Open                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.13.5. Close                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.14. AFT ENGINE FAN CORE THRUST REVERSER HALVES  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 7.14.1. Remove                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.14.2. Inspect                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.14.3. Install                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.14.4. Open                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.14.5. Close                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 7.15. TAIL ENGINE WORK PLATFORM/PATIO             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                              |                                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------|---------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References |                                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                              |                                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 7.15.1.                                      | Open                                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.15.2.                                      | Close                                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.                                        | SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                 |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 7.16.1.                                      | Installed Engine Run Certifying Official                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.2.                                      | All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                          |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.3.                                      | Aircraft Inlet/Intake/Exhaust Certifying Official                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.4.                                      | Flexible Borescope Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.5.                                      | Engine Blade Blend Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.6.                                      | Red X by Primary AFSC (PAFSC) and MDS                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.7.                                      | IPI by PAFSC and MDS                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.8.                                      | Red-X and/or IPI - Limited                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.9.                                      | Installed Engine Run by MDS                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.10.                                     | Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.11.                                     | Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.12.                                     | Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.13.                                     | Aircraft Inlet/Intake/Exhaust Certification                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.14.                                     | Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.15.                                     | Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.16.                                     | Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 7.16.17.                                     | Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |

|                                                                                                                                                                                               |                                                                                                                                        | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                  |                                                                                                                                        | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                                                                                                                               |                                                                                                                                        | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 8                                                                                                                                                                                  |                                                                                                                                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 1: The tasks and knowledge listed in this attachment will apply to personnel in the apprentice (3-level) J3ABR2A631C048D (High Bypass) course.                                           |                                                                                                                                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F117 (C-17) engines.                                                           |                                                                                                                                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                         |                                                                                                                                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available. |                                                                                                                                        |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.1.                                                                                                                                                                                          | ENGINE INSPECTION AND PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, and Applicable Aircraft/Engine TOs                         |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.1.1.                                                                                                                                                                                        | Constructional Features                                                                                                                |               |         |                          |             |                     |                     |                       | A                                                                              | -          | -                  | -          |
| 8.1.2.                                                                                                                                                                                        | Engine Systems                                                                                                                         |               |         |                          |             |                     |                     |                       | A                                                                              | -          | -                  | -          |
| 8.1.3.                                                                                                                                                                                        | Perform Inspections                                                                                                                    |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.1.3.1.                                                                                                                                                                                      | Inlet and Exhaust                                                                                                                      | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.2.                                                                                                                                                                                      | Special Inspections (Over Speed, Over Temperature, etc.)                                                                               |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.3.                                                                                                                                                                                      | Fan Exit Fairing                                                                                                                       |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.4.                                                                                                                                                                                      | Clean Gas Turbine Aircraft Engines and Associated Parts                                                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.5.                                                                                                                                                                                      | Operate, Input/Retrieve/ Interpret Data from Turbine/Engine Monitoring System (Operate Caution, Warning and Malfunction Display, etc.) |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.6.                                                                                                                                                                                      | Remove and Replace Quick Access Recording Disk                                                                                         | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.7.                                                                                                                                                                                      | Service/Inspect Engine Oil System                                                                                                      | *             |         |                          |             |                     |                     |                       | a                                                                              | -          | -                  | -          |
| 8.1.3.8.                                                                                                                                                                                      | Service/Inspect Engine Start System                                                                                                    | *             |         |                          |             |                     |                     |                       | a                                                                              | -          | -                  | -          |
| 8.1.3.9.                                                                                                                                                                                      | Service/Inspect Engine IDG System                                                                                                      | *             |         |                          |             |                     |                     |                       | a                                                                              | -          | -                  | -          |
| 8.1.3.10.                                                                                                                                                                                     | Fuselage/Wing Access Entry                                                                                                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.11.                                                                                                                                                                                     | Fuselage Wing/Access Exit                                                                                                              |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.3.12.                                                                                                                                                                                     | Connect/Disconnect Exit Pneumatic Air                                                                                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.4.                                                                                                                                                                                        | Operate                                                                                                                                |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.1.4.1.                                                                                                                                                                                      | Flaps/Slats System                                                                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.4.2.                                                                                                                                                                                      | Multifunction Display System (MFD)                                                                                                     | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.4.3.                                                                                                                                                                                      | Visual Warning and Caution System                                                                                                      | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.4.4.                                                                                                                                                                                      | Mission Computer                                                                                                                       | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.4.5.                                                                                                                                                                                      | Maintenance Monitor Panel to View and Erase Faults                                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.1.5.                                                                                                                                                                                        | Perform Compressor Wash                                                                                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.2.                                                                                                                                                                                          | ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/Engine TOs                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.2.1.                                                                                                                                                                                        | Install Engine Water Wash Equipment                                                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.2.2.                                                                                                                                                                                        | Cowl Door Support Rods TR: TO 54JG-10-1                                                                                                |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.2.2.1.                                                                                                                                                                                      | Remove                                                                                                                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.2.2.2.                                                                                                                                                                                      | Install                                                                                                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.2.3.                                                                                                                                                                                        | Cowl Ice Protection Shut-Off Valve TR: TO 30JG-20-1                                                                                    |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 8.2.3.1.                                                                                                                                                                                      | Anti-Ice System Theory                                                                                                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 8.2.3.2.                                                                                                                                                                                      | Remove                                                                                                                                 |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

| 1. Tasks, Knowledge and Technical References                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                  |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 8.2.3.3. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.3.4. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.4. Cowl Ice Detector TR: TO 30JG-80-1                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.4.1. Remove                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.4.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.4.3. Install                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.4.4. Operational Check                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.5. Engine Cowl A/I Venturi Duct TR: TO 30JG-20-1             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.5.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.5.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.5.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.6. Thrust Reverser System TR: SSN                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.6.1. Theory                                                  |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 8.2.6.2. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.6.3. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.6.4. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.7. Core Thrust Reverser Actuator TR: TO 78JG-18 and 78JG-20  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.7.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.7.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.7.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.8. Fan Blocker Door TR: TO 78JG-30-8                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.8.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.8.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.8.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.9. Core Blocker Door TR: TO 78JG-30-15                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.9.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.9.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.9.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.10. Fan Thrust Reverser                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.10.1. Remove                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.10.2. Inspect                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.10.3. Install                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.11. Core Translating Cowl                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.11.1. Inspect                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.12. Core Thrust Reverser                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.12.1. Remove                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.12.2. Inspect                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.12.3. Install                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.13. Core Thrust Reverser Blocker Door Link TR: TO 78JG-30-15 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.13.1. Remove                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.13.2. Inspect                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.13.3. Install                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.14. Sync Cables TR: SSN 78-33-14 and 78-33-15                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 8.2.14.1. Remove                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.14.2. Inspect                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 8.2.14.3. Install                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|----------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 8.2.15.                                      | Fan Duct Opening Actuating Cylinder TR: TO 78JG-30-21          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.15.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.15.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.15.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.16.                                      | Thrust Reverser Control Valve TR: TO 78JG-30-16                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.16.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.16.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.16.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.17.                                      | Fan Thrust Reverser Actuator Proximity Sensor TR: TO 78JG-3-1  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.17.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.17.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.17.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.18.                                      | Core Thrust Reverser Upper Act. Prox. Sensor TR: TO 78JG-30-19 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.18.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.18.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.18.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.19.                                      | Oil Tank Pressurization Valve TR: TO 79JG-10-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.19.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.19.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.19.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.20.                                      | Fuel System                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.20.1.                                    | Theory                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.21.                                      | Fuel Distribution Valve TR: TO 73JG-10-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.21.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.21.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.21.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.22.                                      | Fuel/Oil Heat Exc. Bypass Valve TR: TO 79JG-20-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.22.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.22.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.22.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.23.                                      | Main Air/Oil Cooler TR: TO 79JG-20-1                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.23.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.23.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.23.3.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.24.                                      | Fan Thrust Reverser Door                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.24.1.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.24.2.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.24.3.                                    | Shim                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.24.4.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.25.                                      | Accessory Doors TR: TO 54JG-10-1                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.25.1.                                    | Open/Close                                                     | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -                  | -       |
| 8.2.25.2.                                    | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.25.3.                                    | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.25.4.                                    | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                                       | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|-----------------------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                       | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                       | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 8.2.26.                                      | Nacelle Latches TR: TO 54JG-10-1                                      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.26.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.26.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.26.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.27.                                      | HPT Thermocouple TR: TO 75JG-20-3                                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.27.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.27.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.27.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.28.                                      | Fuel Filter Diff. Press Sw. TR: TO 73JG-30-1, SSSN 73-34-10           |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.28.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.28.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.28.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.29.                                      | Engine Fuel Distribution Vlv Filter TR: TO 73JG-10-1, SSSN 73-11-10-4 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.29.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.29.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.29.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.30.                                      | Engine Fuel Flow Transmitter TR: SSSN 73-31-10                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.30.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.30.2.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.31.                                      | Fuel Control Unit Filter TR: TO 73JG-20-2, SSSN 73-21-19              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.31.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.31.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.31.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.32.                                      | Fuel Inlet Low Pressure Switch TR: TO 73JG-30-1, SSSN 73-33-10        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.32.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.32.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.32.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.33.                                      | Engine Deoiler TR: TO 79JG-20-2, SSSN 79-21-16                        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.33.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.33.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.33.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.34.                                      | Compressor Stator Cylinder TR: TO 75JG-30-1, SSSN 75-31-10            |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.34.1.                                    | Remove                                                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.34.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.34.3.                                    | Install                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.34.4.                                    | Adjust with Rigging Holder                                            |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.34.5.                                    | Adjust without Rigging Holder                                         |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.35.                                      | 14th Stage Bleed Converter Valve TR: TO 75JG-30-1, SSSN 75-32-10      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.35.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.35.2.                                    | Inspect                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.35.3.                                    | Install                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.36.                                      | Starting (14th Stage) Bleed Valve TR: TO 75JG-30-1, SSSN 75-33-10     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.36.1.                                    | Remove                                                                | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References                              | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|---------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                           | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 8.2.36.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.36.3. Install                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.37. Starter TR: 1C-17A-2-80JG-10-1                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.37.1. Remove                                                          | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.37.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.37.3. Install                                                         | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.38. Starter Control Valve TR: 1C-17A-2-80JG-10-1                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.38.1. Remove                                                          |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.38.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.38.3. Install                                                         |               |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.38.4. Manual Operation                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.39. 2.5 Bleed Valve TR: TO 75JG-30-1 TR: SSSN 75-35-10                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.39.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.39.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.39.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.39.4. Adjust                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.40. ACC Cooling Air Valves TR: TO 75JG-20-1/20-2, SSSN 75-21-10       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.40.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.40.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.40.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.41. Air/Oil Cooling Air Shutoff Valve TR: TO 79JG-20-1, SSSN 75-23-10 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.41.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.41.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.41.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.42. #4 Bearing Scavenge Valve TR: TO 79JG-20-2, SSSN 79-21-15         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.42.1. Remove                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.42.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.42.3. Install                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.43. V-Groove (V-Band) Latch Assembly TR: TO 78JG-30-3, SSSN 78-31-13  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.43.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.43.2. Inspect                                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.43.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.43.4. Adjust TR: TO 78JG-30-1, SSSN 78-31-13-5                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.44. Load Sharing Latches TR: TO 78JG- 30-2, SSSN 78-31-13             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.44.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.44.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.44.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.45. 95% Deployed Proximity Sensors TR: TO 78JG-30-11, SSSN 78-34-10   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.2.45.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.45.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.45.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                      | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|----------------------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                      | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                      | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 8.2.46.                                      | Fuel Injector and Support Assembly TR: TO 73JG-10-1                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.46.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.46.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.46.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.47.                                      | Burner Immersion Thermocouple (T3.5) TR: TO 73JG-20-2, SSSN 73-21-20 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.47.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.47.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.47.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.48.                                      | Gearbox Scavenge Oil Pump TR: TO 79JG-20-2, SSSN 79-21-14            |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.48.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.48.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.48.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.49.                                      | Fwd/Aft Cone Segment TR: TO 72JG-30-1, SSSN 72-21-10, and 72-31-11   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.49.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.49.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.49.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.50.                                      | Electronic Engine Control (EEC) TR: TO 73JG-20-1, SSSN 73-21-10      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.50.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.50.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.50.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.51.                                      | Engine Igniter TR: 1C-17A-2-74JG-20-1                                |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.51.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.51.2.                                    | Inspect                                                              |               | *       |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.51.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.52.                                      | Engine Igniter Plug Boss Assembly                                    |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.52.1.                                    | Remove Engine Igniter Plug Boss Assy                                 |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.52.2.                                    | Install Engine Igniter Plug Boss Assy                                |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.53.                                      | Engine Ignition Lead TR: 1C-17A-2-74JG-20-1                          |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.53.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.53.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.53.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.54.                                      | EEC Alternator Stator TR: TO 73JG-20-1, SSSN 73-21-12                |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.54.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.54.2.                                    | Inspect                                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.54.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.55.                                      | EEC Alternator Rotor TR: TO 73JG-20-1, SSSN 73-21-13                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.55.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.55.2.                                    | Inspect                                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.55.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.56.                                      | EEC N1 Motional Transducer TR: TO 73JG-20-1, SSSN 73-21-14           |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.56.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.56.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.56.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                      | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|----------------------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                      | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                      | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 8.2.57.                                      | EEC Inlet Total Pressure Temperature Probe (TT2/PT2) TR: TO73JG-20-1 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.57.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.57.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.57.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.58.                                      | EEC Oil Cooler Fuel Temp. Probe TR: TO 73JG-20-2                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.58.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.58.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.58.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.59.                                      | Fuel Control TR: 1C-17A-2-73JG-20-2                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.59.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.59.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.59.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.60.                                      | Fuel Pump TR: 1C-17A-2-73JG-10-1                                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.60.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.60.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.60.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.61.                                      | Fuel Pump Filter TR: 1C-17A-2-73JG-10-1                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.61.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.61.2.                                    | Inspect                                                              |               | *       |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.61.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.62.                                      | Fuel/Oil Heat Exchanger TR: 1C-17A-2-73JG-10-1                       |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.62.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.62.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.62.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.63.                                      | Ignition Exciter TR: 1C-17A-2-74JG-10-1                              |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.63.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.63.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.63.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.64.                                      | #5 Bearing Sump Cover TR: 1C-17A-2-72JG-50-1                         |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.64.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.64.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.64.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.65.                                      | Turbine Cooling Air (TCA) Valve Actuator TR: 1C-17A-75JG-20-1        |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.65.1.                                    | Remove                                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.65.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.65.3.                                    | Install                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.66.                                      | Turbine Cooling Air Deactivation TR: 1C-17A-75JG-20-1                |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.66.1.                                    | Activate                                                             |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.66.2.                                    | Deactivate                                                           |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.67.                                      | Integrated Drive Generator (IDG) TR: 1C-17A-2-24-20-2                |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 8.2.67.1.                                    | Remove                                                               | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.2.67.2.                                    | Inspect                                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.2.67.3.                                    | Install                                                              | *             |         |                          |               |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |

|                                              |                                                                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|---------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 8.2.68.                                      | IDG Oil Filter TR: 1C-17A-2-24JG-20-2, SSSN 24-21-13-4              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.68.1.                                    | Remove                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.68.2.                                    | Inspect                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.68.3.                                    | Install                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.69.                                      | Engine Lube and Scavenge Pump TR: 1C-17A-2-79JG-20-1, SSSN 79-21-13 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.69.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.69.2.                                    | Inspect                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.69.3.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.70.                                      | Engine Oil Quantity Transmitter                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.70.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.70.2.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.71.                                      | Engine Oil Pressure Transmitter                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.71.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.71.2.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.72.                                      | Main Engine Oil Filter TR: 1C-17A-2-79JG-20-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.72.1.                                    | Remove                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.72.2.                                    | Inspect                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.72.3.                                    | Install                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.73.                                      | EEC Oil Cooler Oil Temp. Probe TR: TO 73JG-20-2                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.73.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.73.2.                                    | Inspect                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.73.3.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.74.                                      | EEC Front Wiring Harness (W2) TR: TO 73JG-20-3                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.74.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.74.2.                                    | Inspect                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.74.3.                                    | Repair                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.74.4.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.75.                                      | EEC Rear Wiring Harness (W1) TR: TO 73JG-20-3                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.75.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.75.2.                                    | Inspect                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.75.3.                                    | Repair                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.75.4.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.76.                                      | EEC Exhaust Gas Temperature Wiring Harness (W31) TR: TO 73JG-20-4   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.76.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.76.2.                                    | Inspect                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.76.3.                                    | Repair                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.76.4.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.77.                                      | EEC Core Wiring Harness (W34) TR: TO 73JG-20-4                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.2.77.1.                                    | Remove                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.77.2.                                    | Inspect                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.77.3.                                    | Repair                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.77.4.                                    | Install                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.2.77.5.                                    | Perform EEC System Operational Checkout TR: TO 73JG-20-1            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|--------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                                                  | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 8.3.                                         | ENGINE RIGGING TR: Applicable Aircraft/ Engine TOs                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.3.1.                                       | Rig Thrust Reverser/ Proximity Sensors                                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.3.2.                                       | High Pressure Compressor Variable Stator Vanes                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.                                         | AIRCRAFT INSTALLED ENGINE TESTING TR: Applicable Aircraft/ Engine TOs                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.4.1.                                       | Troubleshoot Power Plant Using FI Manual TR: TO 71FI-00-1                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.2.                                       | Perform Fan Blade Clearance Check TR: TO 70GS-00-1                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.3.                                       | Operate UHF System                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.4.                                       | Perform Engine Operation                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.5.                                       | Engine Operation Position “A”                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.6.                                       | Engine Operator Position “B”                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.7.                                       | Deactivate/Activate Thrust Reversers TR: TO 78JG-30-1                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.8.                                       | Open and Close Fan Thrust Reverser Duct Assembly TR: TO 78JG-30-1                                | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.4.9.                                       | Hydraulically Deploy and Stow Thrust Reversers TR: TO 78JG-30-1                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.10.                                      | Manually Deploy and Stow Fan Thrust Reverser TR: TO 78JG-30-1                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.11.                                      | Fan Trim Balance                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.4.12.                                      | Adjust Engine Oil Pressure TR: TO 79JG-20-1                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.5.                                         | EXIT GUIDE VANES TR: TO 72JG-00-1                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.5.1.                                       | Remove                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.5.2.                                       | Inspect                                                                                          |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.5.3.                                       | Install                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.6.                                         | ENGINE CHIP DETECTORS TR: SSSN 79-36-10                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.6.1.                                       | Remove                                                                                           | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.6.2.                                       | Inspect                                                                                          | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.6.3.                                       | Install                                                                                          | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.7.                                         | 1ST STAGE FAN BLADES TR: SSSN 72-31-12                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.7.1.                                       | Remove                                                                                           | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.7.2.                                       | Inspect                                                                                          |               | *       |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.7.3.                                       | Install                                                                                          | *             |         |                          |          |                  |                  |                    | 2b/-                                                                           | -       | -          | -       |
| 8.7.4.                                       | Blend/Repair                                                                                     |               | *       |                          |          |                  |                  |                    | a                                                                              | -       | -          | -       |
| 8.8.                                         | ENGINE REMOVAL and INSTALLATION IN AIRFRAME TR: TOs 1-1A-8, 2J-1-24, and Applicable Aircraft TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.8.1.                                       | Remove Engine                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.8.2.                                       | Install Engine                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.8.3.                                       | Service Engine                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.9.                                         | HYDRAULIC PUMPS                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 8.9.1.                                       | Remove                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 8.9.2.                                       | Install                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References                                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 8.10. ENGINE GEARBOX GARLOCK SEALS TR: SSSN 72-62-02                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.10.1. Remove Engine Gearbox Garlock Seal                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.2. Inspect Engine Gearbox Garlock Seal                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.3. Install Engine Gearbox Garlock Seal                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.4. Engine Accessory Drive TR: SSSN 72-62-02                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.10.4.1. Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.4.2. Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.5. Oil Seal Assembly & Rotating Ring TR: SSSN 72-62-02                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.10.5.1. Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.10.5.2. Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 8.11.1. Installed Engine Run Certifying Official                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.2. All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.4. Flexible Borescope Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.5. Engine Blade Blend Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.6. Red X by Primary AFSC (PAFSC) and MDS                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.7. IPI by PAFSC and MDS                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.8. Red-X and/or IPI - Limited                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.9. Installed Engine Run by MDS                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.10. Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.13. Aircraft Inlet/Intake/Exhaust Certification                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.14. Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 8.11.16. Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                                                                                                                               |                                                                                                                                    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                  |                                                                                                                                    | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                                                                                                               |                                                                                                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| ATTACHMENT 9                                                                                                                                                                                  |                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on F119 engines.                                                                  |                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                         |                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available. |                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.1.                                                                                                                                                                                          | GENERAL ENGINE TR: Applicable Interactive Electronic Technical Manuals (IMIS/TOD)                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.1.1.                                                                                                                                                                                        | Constructional Features                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.1.2.                                                                                                                                                                                        | Engine Systems                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.1.3.                                                                                                                                                                                        | Engine Monitoring System                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.                                                                                                                                                                                          | INTERACTIVE ELECTRONIC WORKSTATIONS AND TECHNICAL DATA (PMA, MSW, IMIS, TOD) TR: TO 00-5-1                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.2.1.                                                                                                                                                                                        | Portable Maintenance Aid (PMA)                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.2.1.1.                                                                                                                                                                                      | Principles                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.1.2.                                                                                                                                                                                      | Use and Operation                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.2.                                                                                                                                                                                        | Maintenance Support Workstation (MSW)                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.2.2.1.                                                                                                                                                                                      | Principles                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.2.2.                                                                                                                                                                                      | Use and Operation                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.3.                                                                                                                                                                                        | Integrated Maintenance Information System (IMIS)                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.2.3.1.                                                                                                                                                                                      | Principles                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.3.2.                                                                                                                                                                                      | Use and Operation                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.4.                                                                                                                                                                                        | Technical Order Data (TOD)                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.2.4.1.                                                                                                                                                                                      | Principles                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.2.4.2.                                                                                                                                                                                      | Use and Operation                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.                                                                                                                                                                                          | ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, 1-1A-8, 2-1-111, and Applicable Interactive Electronic Technical Manuals (IMIS/TOD) |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.1.                                                                                                                                                                                        | Engine Harness                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.1.1.                                                                                                                                                                                      | Remove                                                                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.1.2.                                                                                                                                                                                      | Inspect                                                                                                                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.1.3.                                                                                                                                                                                      | Install                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.2.                                                                                                                                                                                        | Actuator Fuel Pump                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.2.1.                                                                                                                                                                                      | Remove                                                                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.2.2.                                                                                                                                                                                      | Inspect                                                                                                                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.2.3.                                                                                                                                                                                      | Install                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.3.                                                                                                                                                                                        | Main Fuel Pump                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.3.1.                                                                                                                                                                                      | Remove                                                                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.3.2.                                                                                                                                                                                      | Inspect                                                                                                                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.3.3.                                                                                                                                                                                      | Install                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.4.                                                                                                                                                                                        | Main Fuel Throttle Valve (MFTV)                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.4.1.                                                                                                                                                                                      | Remove                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.4.2.                                                                                                                                                                                      | Inspect                                                                                                                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.4.3.                                                                                                                                                                                      | Install                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.5.                                                                                                                                                                                        | Main Fuel Throttle Valve (MFTV) Manifold                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.3.5.1.                                                                                                                                                                                      | Remove                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.3.5.2.                                                                                                                                                                                      | Inspect                                                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 9.3.5.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.6. Augmenter Fuel Control                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.6.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.6.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.6.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.7. Augmenter Fuel Control Manifold       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.7.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.7.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.7.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.8. Fuel/Oil Cooler                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.8.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.8.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.8.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.9. Fuel Filter                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.9.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.9.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.9.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.10. Oil Filter                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.10.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.10.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.10.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.11. Main Oil Pump                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.11.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.11.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.11.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.12. Breather Pressurizing Valve          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.12.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.12.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.12.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.13. Oil Flow Management Valve            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.13.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.13.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.13.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.14. Multi-Port Service Adapter           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.14.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.14.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.14.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.15. Rotor Generator                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.15.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.15.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.15.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.16. Stator Generator                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.16.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.16.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.16.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.17. Exciter Box                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.17.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.17.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.17.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.18. Main Spark Igniter                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.18.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.18.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.18.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.19. Augmenter Spark Igniter              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.19.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.19.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                   | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|---------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                   | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                   | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                   |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 9.3.19.3.                                    | Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.20.                                      | Comprehensive Engine Diagnostic Unit (CEDU)       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.20.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.20.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.20.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.21.                                      | Full Authority Digital Electronic Control (FADEC) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.21.1.                                    | Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.21.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.21.3.                                    | Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.22.                                      | Modulated Exhaust Cooling (MEC) Actuator          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.22.1.                                    | Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.22.2.                                    | Inspect                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.22.3.                                    | Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.23.                                      | Compressor Variable Vane (CVV) Actuator           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.23.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.23.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.23.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.24.                                      | Fan Variable Vane (FVV) Actuator                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.24.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.24.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.24.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.25.                                      | Anti-Ice Valve                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.25.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.25.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.25.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.26.                                      | Fuel Air Heat Exchanger                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.26.1.                                    | Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.26.2.                                    | Inspect                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.26.3.                                    | Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.27.                                      | Air to Air Heat Exchanger                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.27.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.27.2.                                    | Inspect                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.27.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.28.                                      | Electro Hydraulic Servo Valve (EHSV)              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.28.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.28.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.28.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.29.                                      | Linear Variable Displacement Transducer (LVDT)    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.29.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.29.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.29.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.30.                                      | Pressure /Temperature Transducer                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.30.1.                                    | Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.30.2.                                    | Inspect                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.30.3.                                    | Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.31.                                      | Exhaust Gas Temperature (EGT) Thermocouple        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 9.3.31.1.                                    | Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.31.2.                                    | Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 9.3.31.3.                                    | Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                              | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 9.3.32. Light Off Detector (LOD)             |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.32.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.32.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.32.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.33. Tt2                                  |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.33.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.33.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.33.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.34. Tt3                                  |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.34.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.34.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.34.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.35. N1 Sensor                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.35.1. Remove                             | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.35.2. Inspect                            |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.35.3. Install                            | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.36. Engine Vibration Sensors             |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.36.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.36.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.36.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.37. Oil Debris Monitor                   |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.37.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.37.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.37.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.38. Oil Level Sensor                     |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.38.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.38.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.38.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.39. Oil Filter Differential Sensor       |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.39.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.39.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.39.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.40. Oil Pressure and Temperature Sensor  |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.40.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.40.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.40.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.41. Fuel Filter Differential Sensor      |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.41.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.41.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.41.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.42. Solenoid                             |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.42.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.42.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.42.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.43. Reed Switch                          |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.43.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.43.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.43.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.44. Gearbox                              |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.44.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.44.2. Inspect                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.44.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.45. Fan Inlet Case                       |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 9.3.45.1. Remove                             |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.45.2. Inspect                            |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 9.3.45.3. Install                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

| 1. Tasks, Knowledge and Technical References |                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|-------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              |                         | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                         | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    |                                                                                |         |            |         |
|                                              |                         | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 9.3.46.                                      | Chip Detectors          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.46.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.46.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.46.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.47.                                      | Inlet Fan Module        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.47.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.47.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.47.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.47.4.                                    | Repair (Blend Blades)   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.47.5.                                    | Perform Compressor Wash |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.48.                                      | PTO Shaft               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.48.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.48.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.48.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.49.                                      | Upper Fan Case          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.49.1.                                    | Remove                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.49.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.49.3.                                    | Install                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.50.                                      | No. 1 Bearing           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.50.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.50.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.50.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.51.                                      | No. 5 Bearing           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.51.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.51.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.51.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.52.                                      | Fan Duct                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.52.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.52.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.52.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.53.                                      | Upper HPC Case          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.53.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.53.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.53.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.54.                                      | Augmenter Duct          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.54.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.54.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.54.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.55.                                      | Augmenter Liner         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.55.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.55.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.55.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.56.                                      | Augmenter Spray Bar     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.56.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.56.2.                                    | Inspect                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.56.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.57.                                      | Turbine Exhaust Case    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.57.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.57.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.57.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.57.4.                                    | Repair (Blend Case)     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.58.                                      | Tail Cone               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.58.1.                                    | Remove                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.58.2.                                    | Inspect                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.58.3.                                    | Install                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.58.4.                                    | Repair (Blend)          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 9.3.59. Flame holder                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.59.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.59.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.59.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.59.4. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.60. Augmenter Nozzle Module              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.60.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.60.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.60.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.61. Air Transfer Tube Assembly           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.61.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.61.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.61.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.62. Air Pump Assembly                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.62.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.62.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.62.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.63. Air Pump Heat Shield Support         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.63.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.63.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.63.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.63.4. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.64. Sidewall Liners                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.64.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.64.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.64.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.64.4. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.65. External Segments                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.65.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.65.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.65.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.66. Divergent Liners                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.66.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.66.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.66.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.66.4. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.67. Convergent Liners                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.67.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.67.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.67.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.67.4. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.68. Divergent Actuators                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.68.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.68.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.68.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.69. Convergent Actuators                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.69.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.69.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.69.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.70. Divergent Segments                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.70.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.70.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.70.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.71. Convergent Segments                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 9.3.71.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 9.3.71.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                                                                                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 9.3.71.3.                                    | Install                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.4.                                         | ENGINE REMOVAL AND INSTALLATION IN ENGINE SHIPPING SYSTEM (ESS)/ ENGINE TEST ADAPTER (ETA) TR: TOs 1-1A-8, 2J-1-24, and Applicable Interactive Electronic Technical Manuals |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.4.1.                                       | Remove                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.4.2.                                       | Install                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.4.3.                                       | Fan Balance                                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.                                         | SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 9.5.1.                                       | Installed Engine Run Certifying Official                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.2.                                       | All Systems IPI (No Egress, Welding, Munitions, Fuel Cell In-Tank)                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.3.                                       | Aircraft Inlet/Intake/Exhaust Certifying Official                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.4.                                       | Flexible Borescope Certifying Official                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.5.                                       | Engine Blade Blend Certifying Official                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.6.                                       | Red X by Primary AFSC (PAFSC) and MDS                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.7.                                       | IPI by PAFSC and MDS                                                                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.8.                                       | Red-X and/or IPI - Limited                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.9.                                       | Installed Engine Run by MDS                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.10.                                      | Engine Blade Blending                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.11.                                      | Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.12.                                      | Uninstalled Engine Run Certifying Official/ETS by TMS                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.13.                                      | Aircraft Inlet/Intake/Exhaust Certification                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.14.                                      | Engine Flexible Borescope Inspections                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.15.                                      | Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.16.                                      | Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 9.5.17.                                      | Aircraft APU/GTC/APP Run Certifying Official                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                                                                                                                                                                                                                                                     |                                                   | 2. Core Tasks |               | 3. Certification For OJT |                  |                  |                    |            | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |         |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------|---------------|--------------------------|------------------|------------------|--------------------|------------|--------------------------------------------------------------------------------|------------|---------|---|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                                                                                        | A                                                 | B             | A             | B                        | C                | D                | E                  | A          |                                                                                | B          |         |   |
|                                                                                                                                                                                                                                                                     | 3 Skill Level                                     |               | 5 Skill Level |                          |                  |                  |                    |            |                                                                                |            |         |   |
|                                                                                                                                                                                                                                                                     | 5 Level                                           | 7 Level       | Tng Start     | Tng Comp                 | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course | (2) CDC                                                                        | (1) Course | (2) CDC |   |
| ATTACHMENT 10                                                                                                                                                                                                                                                       |                                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on secondary power/APU/JFS units.                                                                                                                       |                                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                                                               |                                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are deferrable for ANG and AFRC until training capability becomes available.                                                                       |                                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| NOTE 4: Tasks identified for 3 level training will only apply to applicable secondary power unit (e.g., AUXILIARY POWER UNIT will apply to course J3ABR2A631C048D, JET FUEL STARTER will apply to courses J3ABR2A631D049D, and both will apply to J3ABR2A631E050D). |                                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.1.                                                                                                                                                                                                                                                               | AUXILIARY POWER UNIT (APU)/JET FUEL STARTER (JFS) |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.1.1.                                                                                                                                                                                                                                                             | Constructional Features                           |               |               |                          |                  |                  |                    |            | A                                                                              | -          | -       | - |
| 10.1.2.                                                                                                                                                                                                                                                             | Types and Operational Characteristics             |               |               |                          |                  |                  |                    |            | A                                                                              | -          | -       | - |
| 10.1.3.                                                                                                                                                                                                                                                             | Perform APU Operational Checks                    |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.1.4.                                                                                                                                                                                                                                                             | APU Power Plant Operation                         |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.1.5.                                                                                                                                                                                                                                                             | On Aircraft                                       |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.1.6.                                                                                                                                                                                                                                                             | Systems                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.                                                                                                                                                                                                                                                               | A-10/B-1/B-2 AUXILIARY POWER UNIT (APU)           |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.1.                                                                                                                                                                                                                                                             | APU                                               |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.1.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.1.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.1.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.1.4.                                                                                                                                                                                                                                                           | Service                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.1.5.                                                                                                                                                                                                                                                           | Operate                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.2.                                                                                                                                                                                                                                                             | APU Fire Shield                                   |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.2.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.2.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.2.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.3.                                                                                                                                                                                                                                                             | APU Fuel Control                                  |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.3.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.3.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.3.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.4.                                                                                                                                                                                                                                                             | APU Pressure Relief Valve                         |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.4.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.4.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.4.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.5.                                                                                                                                                                                                                                                             | APU Oil Pump                                      |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.5.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.5.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.5.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.6.                                                                                                                                                                                                                                                             | APU Clutch                                        |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.6.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.6.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.6.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.7.                                                                                                                                                                                                                                                             | Fuel/Air Oil Cooler                               |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.7.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.7.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.7.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.8.                                                                                                                                                                                                                                                             | APU Load Control Valve                            |               |               |                          |                  |                  |                    |            |                                                                                |            |         |   |
| 10.2.8.1.                                                                                                                                                                                                                                                           | Remove                                            |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.8.2.                                                                                                                                                                                                                                                           | Inspect                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |
| 10.2.8.3.                                                                                                                                                                                                                                                           | Install                                           |               |               |                          |                  |                  |                    |            | -                                                                              | -          | -       | - |

|                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.2.9. APU Surge Control Valve                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.9.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.9.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.9.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.10. APU Inlet Guide Vane Actuator                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.10.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.10.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.10.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.11. APU Permanent Magnetic Generator (PMG)          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.11.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.11.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.11.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.12. APU Low Oil Pressure (LOP) Sensor/Switch        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.12.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.12.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.12.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.13. APU Electronic Control Assembly/Unit (ECA, ECU) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.13.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.13.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.13.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.14. APU Fuel Solenoid Shutoff Valve                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.14.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.14.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.14.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.15. APU Fuel Flow Divider Valve                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.15.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.15.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.16. APU Fuel Filter Element                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.16.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.16.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.16.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.17. APU Oil Filter Element                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.17.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.17.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.17.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.18. APU Start Motor (Hydraulic/Pneumatic/Electric)  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.18.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.18.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.18.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.19. APU Ignition Unit                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.19.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.19.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.19.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.20. APU Igniter Plug                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.20.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.20.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.20.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.21. APU Generator                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.21.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.21.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.21.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.22. APU Hydraulic Pump                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.22.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                 | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 10.2.22.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.22.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.23. APU Combustion Can                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.23.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.23.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.23.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.24. APU Cooling Fan                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.24.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.24.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.24.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.25. Thermocouple                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.25.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.25.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.25.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.26. Hour meter/Start Counter               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.26.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.26.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.26.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.27. Pressure Vessel                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.27.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.27.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.27.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.27.4. Service                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.28. Rupture Disc                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.28.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.28.2. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.29. Compressor                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.29.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.29.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.29.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.30. Turbine Rotor                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.30.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.30.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.30.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.31. Recharge Compressor Valve              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.31.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.31.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.31.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.32. Air Turbine Starter                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.32.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.32.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.32.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.33. Air Turbine Starter Control Valve      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.33.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.33.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.33.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34. A-10/B-1 Accessory Drive Gearbox (ADG) |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.34.1. ADG Gearbox                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.34.1.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34.1.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34.1.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34.2. APU Generator Drive Pad Seal         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.2.34.2.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34.2.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.2.34.2.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                   | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                   | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                   | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                   |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.2.34.3.                                   | APU Hydraulic Pump Drive Pad Seal |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.3.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.3.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.3.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.4.                                   | ADG Torque Converter              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.4.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.4.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.4.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.5.                                   | ADG High Oil Pressure Pump        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.5.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.5.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.5.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.6.                                   | ADG Low Oil Pressure Pump         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.6.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.6.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.6.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.7.                                   | ADG/Sprag Clutch                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.7.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.7.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.7.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.8.                                   | ADG Low Oil Pressure Sensor       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.8.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.8.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.8.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.9.                                   | ADG High Oil Temperature Sensor   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.9.1.                                 | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.9.2.                                 | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.9.3.                                 | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.10.                                  | ADG Speed Sensor                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.10.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.10.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.10.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.11.                                  | ADG Thermostatic Bypass Valve     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.11.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.11.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.11.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.12.                                  | ADG Oil Filter Element            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.12.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.12.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.12.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.13.                                  | ADG Gearbox Pressure Relief Valve |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.13.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.13.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.13.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.14.                                  | ADG Pressure Regulator Valve      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.14.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.14.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.14.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.15.                                  | ADG Lube Control Module Assembly  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.15.1.                                | Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.15.2.                                | Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.15.3.                                | Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.2.34.16.                                  | Engine to ADG PTO Shaft                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.16.1.                                | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.16.2.                                | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.16.3.                                | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.17.                                  | Engine to ADG PTO Shaft Speed Sensor                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.17.1.                                | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.17.2.                                | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.17.3.                                | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.18.                                  | APU to ADG PTO Shaft                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.18.1.                                | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.18.2.                                | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.18.3.                                | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.19.                                  | APU to ADG PTO Shaft Speed Sensor                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.34.19.1.                                | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.19.2.                                | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.34.19.3.                                | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.                                     | Secondary Power/APU Test Stand Operation                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.2.35.1.                                   | Engine Testing                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.2.                                   | Pre-Operational Checks in Test Stand                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.3.                                   | Operational Checks of Engine Test Stand                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.4.                                   | Engine Performance                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.5.                                   | Engine System Components Adjustment                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.6.                                   | Post-Operational Checks in Test Stand                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.7.                                   | System and Component Troubleshooting                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.8.                                   | Test Stand Operation and Maintenance                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.9.                                   | Remove/Install Engine on Test Stand                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.2.35.10.                                  | Perform Ground Observer/Fireguard Duties                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.                                        | KC-46 AUXILIARY POWER UNITS (APU), MAINTENANCE TR: TO 49-00-00 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.1.                                      | Operating Principles                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.                                      | General                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.2.1.                                    | Perform Preliminary Maintenance Procedures                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.2.                                    | APU Oil System Servicing                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.3.                                    | APU Inlet Door and Actuation System Operational Checkout       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.4.                                    | APU BITE Procedure – Built In Test (BIT) Operation             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.5.                                    | APU Inlet Door and Actuation System Operational Checkout       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.6.                                    | APU Start, Operation, Shutdown Procedures                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.7.                                    | APU Air Intake System Test                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.2.8.                                    | APU Manually turn the engine                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.3.2.9. APU Inlet Guide Vane Actuator Operational Test |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.3. Auxiliary Power Unit (APU)                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.3.1. Remove                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.3.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.3.3. Install                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.4. APU Access Doors                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.4.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.4.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.4.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.4.4. Open/Close Access Doors                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.5. APU Mount Links                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.5.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.5.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.5.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.6. APU Fuel control                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.6.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.6.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.6.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.7. APU Fuel Control Filter                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.7.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.7.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.7.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.8. APU Fuel Control – Fuel Flow Divider             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.8.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.8.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.8.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.9. Fuel Nozzle Assembly                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.9.1. Remove                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.9.2. Inspect                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.9.3. Install                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.10. APU Primary Fuel Manifold Assembly              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.10.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.10.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.10.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.11. APU Secondary Fuel Manifold Assembly            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.11.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.11.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.11.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.12. APU Lube Oil Filter Element                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.12.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.12.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.12.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.13. APU Generator Scavenge Filter Element           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.13.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.13.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.13.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.14. APU Generator Scavenge Delta Pressure Switch    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                              |                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                             |         |
|----------------------------------------------|---------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|-----------------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B                           |         |
|                                              |                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level<br>(1) Course                                                    | (2) CDC | 5 Skill Level<br>(1) Course | (2) CDC |
| 10.3.14.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.14.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.15.                                     | APU Lube Scavenge Delta Pressure Switch     |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.15.1                                    | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.15.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.16.                                     | APU Oil Quantity Transmitter                |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.16.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.16.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.16.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.17.                                     | APU Low Oil Pressure Switch                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.17.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.17.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.17.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.18.                                     | APU Oil Temperature Sensor                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.18.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.18.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.19.                                     | APU Oil Lube Module (Pump)                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.19.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.19.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.19.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.20.                                     | APU Oil Cooler                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.20.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.20.2.                                   | Inspect/Clean                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.20.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.21.                                     | APU Magnetic Chip Collector/Drain Plug      |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.21.1.                                   | Remove                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.21.2.                                   | Inspect/Clean                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.21.3.                                   | Install                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.22.                                     | APU Lube Pump Bypass Solenoid               |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.22.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.22.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.23.                                     | APU Generator Seal Plate                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.23.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.23.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.23.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.24.                                     | APU Generator                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.24.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.24.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.24.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.25.                                     | APU Exhaust Duct Muffler                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.25.1.                                   | Remove                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.25.2.                                   | Inspect                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.25.3.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.26.                                     | APU Exhaust Duct Support Seal               |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.26.1.                                   | Removal                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.26.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.27.                                     | APU Exhaust Duct Muffler Insulation Blanket |               |         |                          |          |                  |                  |                    |                                                                                |         |                             |         |
| 10.3.27.1.                                   | Removal                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |
| 10.3.27.2.                                   | Install                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                           | -       |

| 1. Tasks, Knowledge and Technical References |                                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|---------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                       |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.3.28.                                     | APU Air Intake (Inlet) Door           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.28.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.28.2.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.29.                                     | APU Intake (Inlet) Door Actuator      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.29.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.29.2.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.30.                                     | APU EGT Thermocouple                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.30.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.30.2.                                   | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.30.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.31.                                     | APU Starter Motor                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.31.1.                                   | Remove                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.31.2.                                   | Inspect                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.31.3.                                   | Install                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.32.                                     | APU Ignition Unit (Exciter)           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.32.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.32.2.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.33.                                     | APU Igniter Plug                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.33.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.33.2                                    | Inspect/Clean                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.33.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.34.                                     | APU Ignition Lead                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.34.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.34.2.                                   | Inspect/Clean                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.34.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.35.                                     | APU Starter Clutch                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.35.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.35.2.                                   | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.35.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.36.                                     | APU Crank Contactor                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.36.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.36.2.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.37.                                     | APU Combustor Drain                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.37.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.37.2.                                   | Inspect/Clean                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.37.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.38.                                     | APU Plenum Drain                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.38.1                                    | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.39.                                     | APU Inlet Guide Vane Actuator         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.39.1.                                   | Remove                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.39.2.                                   | Install                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.40.                                     | APU Cooling Fan Assembly              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.40.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.40.2.                                   | Inspect                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.40.3.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.41.                                     | APU Oil Cooling Air Duct              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.41.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.41.2.                                   | Install                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.3.42.                                     | APU Fire Detector Element (Fire Loop) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.3.42.1.                                   | Remove                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                          | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 10.3.42.2.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.42.3.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.43.                                     | APU Inlet Speed Sensor                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.43.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.43.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.44.                                     | APU Inlet Temperature Sensor                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.44.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.44.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.45.                                     | APU Electronic Control Unit                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.45.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.45.2.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.46.                                     | APU Data Memory Module                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.46.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.46.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.47.                                     | APU Surge Valve Control                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.47.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.47.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.48.                                     | APU Flow Module Sensing                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.48.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.48.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.49.                                     | APU Total Pressure Sensor                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.49.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.49.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.50.                                     | APU Delta Pressure Sensor                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.50.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.50.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.51.                                     | APU Inlet Pressure Sensor                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.51.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.51.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.52.                                     | APU Total Pressure Probe                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.52.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.52.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.53.                                     | APU Three-Way Pneumatic Duct                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.53.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.53.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.54.                                     | APU Surge Control Duct                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.3.54.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.3.54.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.                                        | C-17 AUXILIARY POWER UNITS (APU), MAINTENANCE            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.4.1.                                      | Operating Principles                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.                                      | General                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.4.2.1.                                    | Perform Preliminary Maintenance Procedures               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.2.                                    | Auxiliary Power Unit (APU)                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.3.                                    | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.4.                                    | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.5.                                    | APU Oil System Servicing                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.4.2.6.                                    | APU Inlet Door and Actuation System Operational Checkout |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                      | 2. Core Tasks |         | 3. Certification For OJT |               |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|------------------------------------------------------|---------------|---------|--------------------------|---------------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                      | A             | B       | A                        | B             | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                      | 3 Skill Level |         |                          | 5 Skill Level |                  |                  |                    |                                                                                |         |            |         |
|                                              |                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp      | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 10.4.3.                                      | APU Access Doors                                     |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.3.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.3.2.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.4.                                      | APU Mount Link                                       |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.4.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.4.2.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.5.                                      | APU Start and Control Panel                          |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.5.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.5.2.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.6.                                      | APU Generator Scavenge Magnetic Drain Plug           |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.6.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.6.2.                                    | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.6.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.7.                                      | Generator                                            |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.7.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.7.2.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.8.                                      | Fuel control                                         |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.8.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.8.2.                                    | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.8.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.9.                                      | Fuel Control Filter                                  |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.9.1.                                    | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.9.2.                                    | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.9.3.                                    | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.10.                                     | APU Fuel Control Filter Differential Pressure Switch |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.10.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.10.2.                                   | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.10.3.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.11.                                     | Fuel Nozzle Assembly                                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.11.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.11.2.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.12.                                     | APU Primary Fuel Manifold Assembly                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.12.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.12.2.                                   | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.12.3.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.13.                                     | APU Secondary Fuel Manifold Assembly                 |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.13.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.13.2.                                   | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.13.3.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.14.                                     | Oil Temperature/Pressure Switch                      |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.14.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.14.2.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.15.                                     | Oil Filter Element                                   |               |         |                          |               |                  |                  |                    |                                                                                |         |            |         |
| 10.4.15.1.                                   | Remove                                               |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.15.2.                                   | Inspect                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.4.15.3.                                   | Install                                              |               |         |                          |               |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                         | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                         | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                         |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.4.16.                                     | APU Oil Temperature Sensor (Temp Bulb)  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.16.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.16.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.17.                                     | APU Oil Filter Delta Pressure Switch    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.17.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.17.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.18.                                     | APU Oil Liquid Level Gauge              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.18.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.18.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.19.                                     | APU Oil Level Switch                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.19.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.19.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.20.                                     | APU De-Oil Solenoid Valve               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.20.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.20.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.21.                                     | APU Generator Scavenge Oil Pump         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.21.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.21.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.22.                                     | APU Magnetic Drain Plug Assembly        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.22.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.22.2.                                   | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.22.3.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.23.                                     | APU Oil Filler Cap and Adapter Assembly |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.23.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.23.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.24.                                     | Pneumatic Ducting                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.24.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.24.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.25.                                     | APU Exhaust Deflector                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.25.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.25.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.26.                                     | APU Exhaust Duct                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.26.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.26.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.27.                                     | APU T-Duct Assembly                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.27.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.27.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.28.                                     | “4.0” Surge Valve                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.28.1.                                   | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.28.2.                                   | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.29.                                     | "4.5" Load Valve                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.29.1.                                   | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.29.2.                                   | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.30.                                     | "4.0" Surge Valve Air Filter            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.30.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.30.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.31.                                     | EGT Thermocouple                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.31.1.                                   | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.31.2.                                   | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.4.32.                                     | Fire Detector Assembly                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.32.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.32.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.33.                                     | Ignition Exciter                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.33.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.33.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.34.                                     | Igniter Plug                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.34.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.34.2.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.35.                                     | Igniter Lead                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.35.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.35.2.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.36.                                     | Air Inlet Doors                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.36.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.36.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.36.3.                                   | APU Inlet Door and Actuation System Operational Checkout |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.37.                                     | Inlet Door Actuator                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.37.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.37.2.                                   | Install                                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.38.                                     | APU Inlet Door Open Proximity Sensor                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.38.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.38.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.38.3.                                   | Adjust                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.39.                                     | Starter Clutch                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.39.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.39.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.40.                                     | Starter Motor                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.40.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.40.2.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.40.3.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.41.                                     | Lube Pump                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.41.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.41.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.42.                                     | Fuel Flow Divider Valve Assembly                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.42.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.42.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.43.                                     | Combustion Case Drain Valve                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.43.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.43.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.44.                                     | APU Inlet Guide Vane Actuator                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.44.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.44.2.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.45.                                     | Cooling Fan Assembly                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.45.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.45.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.46.                                     | Inlet Pressure (P2) Sensor                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.46.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.46.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.47.                                     | Inlet Temperature (T2) Sensor                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.47.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.47.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                            |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.4.48.                                     | Motional Transducer Assembly                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.48.1.                                   | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.48.2.                                   | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.49.                                     | APU Transducer Assembly (Surge Control Pallet)             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.49.1.                                   | Remove                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.49.2.                                   | Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.50.                                     | Oil Temp. Regulator (Oil Cooler)                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.50.1.                                   | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.50.2.                                   | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.51.                                     | Generator Filter Press. Reg. Valve                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.51.1.                                   | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.51.2.                                   | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.52.                                     | Generator Filter Element                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.52.1.                                   | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.52.2.                                   | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.52.3.                                   | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.53.                                     | Electronic Control Unit                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.53.1.                                   | Operate                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.53.2.                                   | Remove                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.53.3.                                   | Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.4.54.                                     | Power Plant                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.4.54.1.                                   | Operate                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.                                        | CV-22 AUXILIARY POWER UNIT (APU) TR: T.O. 1V-22(C)B-2-DB-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.                                      | APU Maintenance                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.1.                                    | APU                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.1.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.1.2.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.1.3.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.2.                                    | APU Main Fuel Nozzle                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.2.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.2.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.2.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.3.                                    | APU Start Fuel Nozzle                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.3.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.3.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.3.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.4.                                    | APU Fuel Control Assembly                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.4.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.4.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.4.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.5.                                    | APU Fuel Block Assembly                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.5.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.5.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.5.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.6.                                    | APU Fuel Differential Pressure Switch                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.6.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.6.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.6.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.7.                                    | APU Fuel Filter                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.7.1.                                  | Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.7.2.                                  | Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.7.3.                                  | Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                  |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.5.1.8. APU Igniter                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.8.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.8.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.8.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.9. APU Ignition Exciter                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.9.1. Remove                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.9.2. Inspect                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.9.3. Install                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.10. APU Starter Motor                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.10.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.10.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.10.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.11. APU Thermocouple                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.11.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.11.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.11.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.12. APU Rotor Speed Sensor                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.12.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.12.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.12.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.13. APU Driven Speed Sensor               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.13.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.13.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.13.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.14. APU Event Monitor Unit Assembly (EMU) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.14.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.14.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.14.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.15. APU Oil Pump                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.15.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.15.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.15.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.16. APU Oil PCD Heat Exchanger            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.16.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.16.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.16.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.17. APU Oil Cooler Assembly               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.17.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.17.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.17.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.18. APU Magnetic Chip Collector           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.18.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.18.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.18.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.19. APU Chip Detector                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.19.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.19.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.19.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.20. APU Oil Filter                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.5.1.20.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.20.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.5.1.20.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|--------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 10.5.1.21.                                   | APU Gearbox Oil Level Switch                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.5.1.21.1.                                 | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.21.2.                                 | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.21.3.                                 | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.22.                                   | APU Clutch Servo Valve Assembly                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.5.1.22.1.                                 | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.22.2.                                 | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.22.3.                                 | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.23.                                   | APU Removal and Installation in Air Frame                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.5.1.23.1.                                 | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.23.2.                                 | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.23.3.                                 | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.1.23.4.                                 | Service                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.2.                                      | Aircraft Installed APU Testing                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.5.2.1.                                    | Perform Pre-Operational Checks                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.2.2.                                    | Perform Operational Checks                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.2.3.                                    | Perform Post-Operational Checks                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.5.2.4.                                    | Observe Safety and Ground Procedures                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.                                        | KC-10/E-4B SMALL GAS TURBINE (SGT) ENGINES, TR: T.O. 1C-10(K)A-4-49 1E-4B-2-49 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.1.                                      | Auxiliary Power Units (APU), Operating Principles                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.1.1.                                    | Auxiliary Power Unit (APU)                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.2.                                    | Oil System                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.3.                                    | Fuel System                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.4.                                    | Electrical System                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.5.                                    | Pneumatic System                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.6.                                    | Enclosure                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.7.                                    | Inlet Door and Actuation System                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.1.8.                                    | Perform APU/QSAS Checks (Including Pre-ISO)                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.                                      | KC-10/E-4B Auxiliary Power Units (APU), Engine Maintenance                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.1.                                    | APU                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.1.1.                                  | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.1.2.                                  | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.1.3.                                  | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.1.4.                                  | Service                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.2.                                    | APU Mounts (E-4B Only)                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.2.1.                                  | Remove                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.2.2.                                  | Inspect                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.2.3.                                  | Install                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.3.                                    | Generator                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.3.1.                                  | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.3.2.                                  | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.3.3.                                  | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.3.4.                                  | Service (KC-10 Only)                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.4.                                    | Fuel Control                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.6.2.4.1.                                  | Remove                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.4.2.                                  | Inspect                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.4.3.                                  | Install                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.4.4.                                  | Adjust                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.6.2.5.                                    | Fuel Filter Element                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 10.6.2.5.1. Remove                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.5.2. Inspect                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.5.3. Install                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.6. Fuel Nozzle Assembly               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.6.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.6.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.6.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.7. Start/Servo Fuel Solenoid Valve    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.7.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.7.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.7.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.8. Oil Temperature/Pressure Switch    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.8.1. Remove                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.8.2. Inspect                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.8.3. Install                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.9. Oil Filter Element                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.9.1. Remove                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.9.2. Inspect                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.9.3. Install                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.10. Pneumatic Ducting                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.10.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.10.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.10.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.11. Pneumatic Control Valve(S)        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.11.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.11.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.11.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.12. EGT Thermocouple                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.12.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.12.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.12.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.13. Ignition Exciter                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.13.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.13.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.13.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.14. Air Inlet Doors                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.14.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.14.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.14.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.15. Inlet Door Actuator               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.15.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.15.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.15.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.16. Starter                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.16.1. Remove                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.16.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.16.3. Install                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.17. Clutch/Paw Carrier                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.17.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.17.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.17.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.18. Oil Pump                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.6.2.18.1. Remove                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.18.2. Inspect                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.6.2.18.3. Install                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                              |                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.6.2.19.                                   | Oil Tank                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.19.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.19.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.19.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.20.                                   | Combustion Case Drain Valve                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.20.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.20.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.20.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.21.                                   | Electronic Control Unit/Voltage Regulator/Four Speed Box |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.21.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.21.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.21.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.22.                                   | Cooling Fan Assembly                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.22.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.22.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.22.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.23.                                   | Oil Temperature Regulator (Oil Cooler)                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.23.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.23.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.23.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.24.                                   | Exciter Box                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.24.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.24.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.24.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.25.                                   | APU Inlet Door Shaft                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.25.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.25.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.25.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.26.                                   | Inlet/Exhaust Doors (Core Task KC-10 Only)               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.26.1.                                 | Deactivate                                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.26.2.                                 | Activate                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.27.                                   | APU Inlet Door Gearbox                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.27.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.27.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.27.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.28.                                   | APU Exhaust Door Jackscrew                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.28.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.28.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.28.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.29.                                   | APU Ignitors                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.29.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.29.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.29.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.30.                                   | APU Ignition Leads                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.30.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.30.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.30.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.31.                                   | APU Air Flow Sensor                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.31.1.                                 | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.31.2.                                 | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.31.3.                                 | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                                                                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                                                     |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.6.2.32. APU Nozzle Actuator                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.32.1. Remove                                                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.32.2. Inspect                                                                                                                                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.32.3. Install                                                                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.33. APU Hourmeter                                                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.33.1. Remove                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.33.2. Inspect                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.33.3. Install                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.34. APU N1/N2 Monopole                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.6.2.34.1. Remove                                                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.34.2. Inspect                                                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.6.2.34.3. Install                                                                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7. KC-135R SMALL GAS TURBINE (SGT) ENGINES, AUXILIARY POWER UNITS (APU), QUICK START AUXILIARY POWER SYSTEM (QSAS) TR: T.O. 1C-135(R)-2-16-1-1-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.1. Operating Principles                                                                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.1.1. Adjust/Repair Door Actuation System                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.1.2. Perform APU/QSAS Checks (Including Pre-ISO)                                                                                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.1.3. QSAS Power Plant Operation                                                                                                                | */R           |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2. Small Gas Turbine (SGT) Engines, Auxiliary Power Units (APU), Maintenance                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.1. APU TR: TO 1C-5M-2-4                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.1.1. Remove                                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.1.2. Inspect                                                                                                                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.1.3. Install                                                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.1.4. Service Oil System                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.2. APU Enclosure                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.2.1. Remove                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.2.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.2.3. Install                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.3. Air Filter                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.3.1. Remove                                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.3.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.3.3. Install                                                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.4. Air Flow Sensor                                                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.4.1. Remove                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.4.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.4.3. Install                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.5. Inlet Muff                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.5.1. Remove                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.5.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.5.3. Install                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.6. Pneumatic Ducting                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.6.1. Remove                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.6.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.6.3. Install                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.7. Inlet/Exhaust Doors                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.7.1. Remove                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.7.2. Inspect                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                                                     | 2. Core Tasks |   | 3. Certification For OJT |   |   |   |   | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------------------|---------------|---|--------------------------|---|---|---|---|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                     | A             | B | A                        | B | C | D | E | A                                                                              |         | B             |         |
|                                              |                                                     |               |   |                          |   |   |   |   | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                     |               |   |                          |   |   |   |   | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.7.2.7.3.                                  | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.7.4.                                  | Adjust                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.8.                                    | Door Actuator                                       |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.8.1.                                  | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.8.2.                                  | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.8.3.                                  | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.9.                                    | Surge Control Valve                                 |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.9.1.                                  | Remove                                              | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.9.2.                                  | Inspect                                             |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.9.3.                                  | Install                                             | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.10.                                   | Ejector Pump                                        |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.10.1.                                 | Remove                                              | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.10.2.                                 | Inspect                                             |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.10.3.                                 | Install                                             | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.11.                                   | IGV Actuator                                        |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.11.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.11.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.11.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.12.                                   | Main Fuel Solenoid Valve                            |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.12.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.12.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.12.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.13.                                   | Start Fuel Solenoid Valve                           |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.13.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.13.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.13.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.14.                                   | Fuel Control TR: TO 1C-5M-2-4, 2G-GTCP165-16        |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.14.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.14.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.14.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.15.                                   | Fuel Filter Element TR: TO 1C-5M-2-4, 2G-GTCP165-16 |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.15.1.                                 | Remove                                              | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.15.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.15.3.                                 | Install                                             | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.16.                                   | Start Fuel Nozzle/Purge Restrictor                  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.16.1.                                 | Remove                                              | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.16.2.                                 | Inspect                                             |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.16.3.                                 | Install                                             | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.17.                                   | Servo Fuel Valve                                    |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.17.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.17.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.17.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.18.                                   | Fuel Manifold Assembly                              |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.18.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.18.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.18.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.19.                                   | RTD Compressor                                      |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.7.2.19.1.                                 | Remove                                              |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.19.2.                                 | Inspect                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.19.3.                                 | Install                                             |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.7.2.20.                                   | Generator TR: TO 1C-5M-2-4, 2G-GTCP165-16           |               |   |                          |   |   |   |   |                                                                                |         |               |         |

|                                              |                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                         | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                         | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                         |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.7.2.20.1.                                 | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.20.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.20.3.                                 | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.21.                                   | EGT Thermocouple                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.21.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.21.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.21.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.22.                                   | Fire Detector Loop (Upper/Lower)        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.22.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.22.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.22.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.23.                                   | Ignition Lead                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.23.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.23.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.23.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.24.                                   | Ignition Exciter                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.24.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.24.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.24.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.25.                                   | Electrical Harness and Cannon Plugs     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.25.1.                                 | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.25.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.25.3.                                 | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.26.                                   | Electronic Sequence Control Unit (ESCU) |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.26.1.                                 | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.26.2.                                 | Inspect                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.26.3.                                 | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.27.                                   | RTD Ambient                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.27.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.27.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.27.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.28.                                   | Magnetic Pick-Up                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.28.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.28.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.28.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.29.                                   | Oil Tank                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.29.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.29.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.29.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.30.                                   | Oil Temperature Switch                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.30.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.30.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.30.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.31.                                   | Oil Pressure Switch                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.31.1.                                 | Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.31.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.31.3.                                 | Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.32.                                   | Oil Filter Element                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.7.2.32.1.                                 | Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.32.2.                                 | Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.7.2.32.3.                                 | Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                                                                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                              |                                                                                                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 10.7.2.33.                                   | Starter                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.33.1.                                 | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.33.2.                                 | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.33.3.                                 | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.34.                                   | Oil Return Manifold                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.34.1.                                 | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.34.2.                                 | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.34.3.                                 | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.35.                                   | APU Oil Cooler                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.35.1.                                 | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.35.2.                                 | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.35.3.                                 | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.36.                                   | QSAS Air/Oil Cooler                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.7.2.36.1.                                 | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.36.2.                                 | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.7.2.36.3.                                 | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.                                        | C-5M SMALL GAS TURBINE (SGT) ENGINES, AUXILIARY POWER UNITS (APU), MAINTENANCE TR: TO 1C-5M-2-4, 1C-5M-2-4JG-11-1, 1C-5M-2-4JG-11-2, and 1C-5M-2-7-1 |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.1.                                      | APU TR: TO 1C-5M-2-4, 1C-5M-2-4JG-11-1, 1C-5M-2-4JG-11-2, and 1C-5M-2-7-1                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.1.1.                                    | Components and Operation                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.1.2.                                    | Operate                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.1.3.                                    | Service/Adjust                                                                                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.1.4.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.1.5.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.1.6.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.2.                                      | APU Struts/Mounts TR: TO 1C-5M-2-4JG-11-1                                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.2.1.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.2.2.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.2.3.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.3.                                      | APU Air Inlet Door TR: TO 1C-5M-2-4JG-11-2                                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.3.1.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.3.2.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.3.3.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.4.                                      | APU Air Inlet Door Actuator TR: TO 1C-5M-2-4JG-11-2                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.4.1.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.4.2.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.4.3.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.5.                                      | APU Air Inlet Door Seal TR: TO 1C-5M-2-4JG-11-2                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.5.1.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.5.2.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.5.3.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.6.                                      | Aircraft Mounted Inlet Duct TR: TO 1C-5M-2-4JG-11-2                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.6.1.                                    | Remove                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.6.2.                                    | Install                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.6.3.                                    | Inspect                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |

|                                              |                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.8.7.                                      | Exhaust Adapter TR: TO 1C-5M-2-4JG-11-2                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.7.1.                                    | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.7.2.                                    | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.7.3.                                    | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.8.                                      | APU Control Harness TR: TO 1C-5M-2-4JG-11-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.8.1.                                    | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.8.2.                                    | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.8.3.                                    | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.9.                                      | Starter TR: TO 1C-5M-2-4JG-11-2                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.9.1.                                    | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.9.2.                                    | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.9.3.                                    | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.10.                                     | Starter Shaft TR: TO 1C-5M-2-4JG-11-2                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.10.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.10.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.10.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.11.                                     | Oil Cooler TR: TO 1C-5M-2-4JG-11-2                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.11.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.11.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.11.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.12.                                     | Oil Pressure Relief Valve TR: TO 1C-5M-2-4JG-11-2        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.12.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.12.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.12.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.13.                                     | Oil Temp Sensor TR: TO 1C-5M-2-4JG-11-2                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.13.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.13.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.13.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.14.                                     | Oil Quantity Sensor TR: TO 1C-5M-2-4JG-11-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.14.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.14.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.14.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.15.                                     | Oil Filter Latch TR: TO 1C-5M-2-4JG-11-2                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.15.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.15.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.15.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.16.                                     | Oil Filters/Screens TR: TO 1C-5M-2-4JG-11-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.16.1.                                   | Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.16.2.                                   | Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.16.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.17.                                     | Oil Pressure Sensor TR: TO 1C-5M-2-4JG-11-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.17.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.17.2.                                   | Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.17.3.                                   | Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.8.18.                                     | Oil Differential Pressure Switch TR: TO 1C-5M-2-4JG-11-2 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.8.18.1.                                   | Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                             | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 10.8.18.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.18.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.19. Magnetic Plug TR: TO 1C-5M-2-4JG-11-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.19.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.19.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.19.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.20. De-Prime Solenoid Valve TR: TO 1C-5M-2-4JG-11-2    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.20.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.20.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.20.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.21. Data Memory Module (DMM) TR: TO 1C-5M-2-4JG-11-2   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.21.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.21.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.21.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.22. Exhaust Thermocouple TR: TO 1C-5M-2-4JG-11-2       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.22.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.22.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.22.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.23. Speed Sensor TR: TO 1C-5M-2-4JG-11-2               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.23.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.23.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.23.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.24. Fuel Flow Divider TR: TO 1C-5M-2-4JG-11-1          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.24.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.24.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.24.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.25. Fuel Control                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.25.1. Remove                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.25.2. Install                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.25.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.26. Fuel Filter TR: TO 1C-5M-2-4JG-11-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.26.1. Remove                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.26.2. Install                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.26.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.27. Fuel Manifold (Main/Pilot) TR: TO 1C-5M-2-4JG-11-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.27.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.27.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.27.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.28. Fuel Nozzle (Main/Pilot) TR: TO 1C-5M-2-4JG-11-1   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.28.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.28.2. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.28.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.29. Exciter TR: TO 1C-5M-2-4JG-11-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.8.29.1. Remove                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.29.2. Install                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.8.29.3. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References |                                                                                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------|-------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
|                                              |                                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                              |                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 10.8.30.                                     | Ignition Lead TR: TO 1C-5M-2-4JG-11-1                                               |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.30.1.                                   | Remove                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.30.2.                                   | Install                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.30.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.31.                                     | Ignition Plug TR: TO 1C-5M-2-4JG-11-1                                               |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.31.1.                                   | Remove                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.31.2.                                   | Install                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.31.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.32.                                     | Pressure/Temperature Sensors TR: TO 1C-5M-2-4JG-11-2                                |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.32.1.                                   | Remove                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.32.2.                                   | Install                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.32.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.33.                                     | Bleed Control Valve TR: TO 1C-5M-2-4JG-11-2                                         |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.33.1.                                   | Remove                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.33.2.                                   | Install                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.33.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.34.                                     | Cooling Fan TR: TO 1C-5M-2-4JG-11-2                                                 |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.34.1.                                   | Remove                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.34.2.                                   | Install                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.34.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.35.                                     | Guide Vane Actuator TR: TO 1C-5M-2-4JG-11-2                                         |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.35.1.                                   | Remove                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.35.2.                                   | Install                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.35.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.36.                                     | APU Generator TR: TO 1C-5M-2-7-1                                                    |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.36.1.                                   | Remove                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.36.2.                                   | Install                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.36.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.37.                                     | Full Authority Digital Electronic Control (FADEC) TR: TO 1C-5M-2-4, 1C-5M-2-4FI-2-1 |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.37.1.                                   | Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.37.2.                                   | Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.37.3.                                   | Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.38.                                     | FADEC TR: TO 1C-5M-2-4JG-11-2                                                       |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.38.1.                                   | Remove                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.38.2.                                   | Install                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.38.3.                                   | Inspect                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.39.                                     | APU RPM Indicating System TR: TO 1C-5M-2-4JG-11-2                                   |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.39.1.                                   | Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.39.2.                                   | Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.39.3.                                   | Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.40.                                     | APU Exhaust Gas Thermocouple TR: TO 1C-5M-2-4JG-11-2                                |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 10.8.40.1.                                   | Operational Fundamentals                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.40.2.                                   | Perform Operational Check                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 10.8.40.3.                                   | Troubleshoot System                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |

|                                              |                                                                                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|-------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                           | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 10.8.41.                                     | Thermocouple Harness TR: TO 1C-5M-2-4JG-11-2                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.8.41.1.                                   | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.8.41.2.                                   | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.8.41.3.                                   | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.                                        | JET FUEL STARTER (JFS) TR: AFI 21-101, 2-1-111 (F100), and Applicable Aircraft/Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.1.                                      | JFS Starter                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.1.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.1.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.1.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.2.                                      | JFS Fuel Filter                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.2.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.2.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.2.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.3.                                      | JFS Fuel Control                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.3.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.3.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.3.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.4.                                      | JFS Ignition Unit                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.4.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.4.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.4.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.5.                                      | JFS Igniter Plug                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.5.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.5.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.5.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.6.                                      | JFS Generator Control Unit                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.6.1.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.6.2.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.6.3.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.7.                                      | JFS Atomizer Assembly                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.7.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.7.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.7.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.8.                                      | JFS Compressor Air Inlet Duct                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.8.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.8.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.8.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.9.                                      | JFS Axial Containment Ring                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.9.1.                                    | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.9.2.                                    | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.9.3.                                    | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.10.                                     | JFS Turbine Plenum                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.10.1.                                   | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.10.2.                                   | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.10.3.                                   | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.11.                                     | JFS Power Turbine Assembly                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.11.1.                                   | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.11.2.                                   | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.11.3.                                   | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.12.                                     | JFS Carbon Seal                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.12.1.                                   | Remove                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.12.2.                                   | Inspect                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.12.3.                                   | Install                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              |                                                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------|------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                              |                                                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 10.9.13.                                     | JFS Annular Combustion Chamber                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.13.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.13.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.13.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.14.                                     | JFS Operational Test                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.9.14.1.                                   | Installation and Removal From Test Stand                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.14.2.                                   | Perform Static & Pre-Checks                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.14.3.                                   | Perform Ground Duties                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.9.14.4.                                   | Perform Operational Test                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.                                       | F-15 CENTRAL GEAR BOX (CGB) TR: AFI 21-101, 2-1-111 (F100), and Applicable Aircraft/Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.1.                                     | Central Gear Box (CGB)                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.1.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.1.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.1.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.1.4.                                   | Service                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.2.                                     | CGB Inlet Reverse Duct and Oil Cooler Fan Inlet Housing                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.2.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.2.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.2.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.3.                                     | CGB Clutch and Brake Assembly                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.3.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.3.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.3.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.4.                                     | CGB Hydraulic Starter Assembly                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.4.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.4.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.4.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.5.                                     | CGB Switch and Oil Pump Assembly                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.5.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.5.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.5.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.6.                                     | CGB Lube System Components                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.6.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.6.2.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.7.                                     | CGB Alternating Current Generator Assembly (PMG)                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.7.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.7.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.7.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.8.                                     | CGB Fan Assemble and Fan Stator                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.8.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.8.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.8.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.9.                                     | CGB Carbon Seal Assembly                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.9.1.                                   | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.9.2.                                   | Inspect                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.9.3.                                   | Install                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 10.10.10.                                    | CGB Ratchet Wheel Assembly, Coupling Stub Shaft and Seal Assembly                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 10.10.10.1.                                  | Remove                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                        | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                        | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                        |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.10.10.2. Inspect                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.10.3. Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.11. CGB Hydraulic Clutch Control Valve                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.10.11.1. Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.11.2. Inspect                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.11.3. Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.12. CGB Operational Test                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.10.12.1. Installation On Test Stand                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.12.2. Perform Static & Pre-Checks                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.12.3. Perform Ground Duties                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.10.12.4. Perform Operational Test                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11. F-15 AIRFRAME MOUNTED ACCESSORY DRIVE (AMAD) TR: AFI 21-101, 2-1-111 (F100), and Applicable Aircraft/Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.1. AMAD                                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.1.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.1.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.1.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.1.4. Service                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.1.5. Perform Operational Check Out                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.2. AMAD Driveshaft                                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.2.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.2.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.2.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.3. AMAD Power Takeoff Shaft Seal Assembly                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.3.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.3.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.3.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.4. AMAD Oil Pump and Governor Assembly (50% Switch)                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.4.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.4.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.4.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.5. AMAD Shuttle Valve Assembly                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.5.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.5.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.5.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.6. AMAD Plain Encase Seal Assembly                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.6.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.6.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.6.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.7. AMAD Magnetic Seal                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.7.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.7.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.7.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.8. AMAD Isolation De-Coupler Pawl Carrier Assembly                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.8.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.8.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.8.3. Install                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.9. AMAD Damping Lay Shaft Assembly                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.9.1. Remove                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.9.2. Inspect                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                              |                                                                                                                                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                                                                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                                                                                                                  |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.11.9.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.11.10.                                    | AMAD Operational Test                                                                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.10.1.                                  | Installation and Removal From                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.10.2.                                  | Perform Static & Pre-Checks                                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.10.3.                                  | Perform Ground Duties                                                                                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.11.10.4.                                  | Perform Operational Test                                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.                                       | C-130, SMALL GAS TURBINE ENGINES (GTC/APU) TR: T.O. 1C-130H-2-49GS-00-1; 1C-130H-2-49JG-00-1; 1C-130(H/M)J-2-49JG-00-1; 1C-130J-2-49GS-00-1; 1C-130J-2-49JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.1.                                     | Constructional Features                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.2.                                     | Principles of APU/GTC Operation                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.2.1.                                   | Fuel                                                                                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.2.2.                                   | Oil                                                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.2.3.                                   | Electrical                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.2.4.                                   | Pneumatic                                                                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.3.                                     | APU/GTC Maintenance                                                                                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.3.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.3.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.3.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.3.4.                                   | Operate APU/GTC                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.3.5.                                   | Operate Analyzer                                                                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.4.                                     | Fuel Pump and Control Assembly                                                                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.4.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.4.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.4.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.4.4.                                   | Adjust                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.5.                                     | Fuel Filter                                                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.5.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.5.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.5.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.6.                                     | Fuel Atomizer                                                                                                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.6.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.6.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.6.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.7.                                     | Combustion Liner                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.7.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.7.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.7.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.8.                                     | Heat Blanket                                                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.8.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.8.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.8.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.9.                                     | Starter                                                                                                                                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.9.1.                                   | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.9.2.                                   | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.9.3.                                   | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.9.4.                                   | Adjust Clutch                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.10.                                    | Multiple Centrifugal Switch                                                                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.10.1.                                  | Remove                                                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.10.2.                                  | Inspect                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.10.3.                                  | Install                                                                                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References    | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                 |               |         |                          |          |                  |                  |                    | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.13.10.4. Adjust                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.10.5. Use Centrifugal Speed Switch Tester |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.11. Oil Pump                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.11.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.11.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.11.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.11.4. Adjust                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.12. Oil Cooler                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.12.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.12.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.12.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.13. Oil Filter                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.13.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.13.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.13.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.14. Ignition Exciter                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.14.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.14.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.14.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.15. Igniter Plug                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.15.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.15.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.15.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.16. Thermocouple                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.16.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.16.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.16.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.17. Fuel/Start Holding Relay              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.17.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.17.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.17.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.18. Load Control Thermostat               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.18.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.18.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.18.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.18.4. Adjust                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.19. Acceleration Control Thermostat       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.19.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.19.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.19.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.19.4. Adjust                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.20. Oil Pressure Sequencing Switch        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.20.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.20.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.20.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.21. Load Control Valve                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.21.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.21.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.21.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.21.4. Adjust                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.22. Gas Turbine Compressor (GTC/APU) Door |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 10.12.22.1. Remove                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.22.2. Inspect                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.22.3. Install                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 10.12.22.4. Adjust (GTC only)                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                         |  | 2. Core Tasks |   | 3. Certification For OJT |   |   |   |   | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------------------|--|---------------|---|--------------------------|---|---|---|---|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                      |  | A             | B | A                        | B | C | D | E | A                                                                              |         | B             |         |
|                                                                      |  |               |   |                          |   |   |   |   | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                      |  |               |   |                          |   |   |   |   | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 10.12.23. Tailpipe                                                   |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.12.23.1. Remove                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.23.2. Inspect                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.23.3. Install                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.24. Tachometer Generator                                       |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.12.24.1. Remove                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.24.2. Inspect                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.24.3. Install                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.25. Electronic 3-Speed Switch (E3SS)                           |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.12.25.1. Remove                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.25.2. Inspect                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.25.3. Install                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.26. Electronic Temperature and Acceleration Control (ETAC)     |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.12.26.1. Remove                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.26.2. Inspect                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.26.3. Install                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.26.4. Adjust                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.27. Proportional Control Valve                                 |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.12.27.1. Remove                                                   |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.27.2. Inspect                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.12.27.3. Install                                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13. H-60 AUXILARY POWER UNIT (APU) TR: 1H-60(H)G-2-5, 2G-GTC36-23 |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.1. General                                                     |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.1.1. Operating Principles                                      |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.1.2. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.1.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.1.4. Service                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.1.5. Troubleshoot APU Systems                                  |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.2. Oil Filter                                                  |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.2.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.2.2. Inspect                                                   |  |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.2.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.3. Fuel Filters                                                |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.3.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.3.2. Inspect                                                   |  |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.3.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.4. APU Driven Components                                       |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.4.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.4.2. Inspect                                                   |  |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.4.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.5. Igniter Box                                                 |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.5.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.5.2. Inspect                                                   |  |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.5.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.6. Igniter Plug                                                |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.6.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.6.2. Inspect                                                   |  |               | * |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.6.3. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.7. Electronic Sequencing Unit (ESU)                            |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |
| 10.13.7.1. Remove                                                    |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.7.2. Install                                                   |  | *             |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.7.3. Operate APU                                               |  |               |   |                          |   |   |   |   | -                                                                              | -       | -             | -       |
| 10.13.8. High Oil Temp Switch (Garret)                               |  |               |   |                          |   |   |   |   |                                                                                |         |               |         |

|                                              |                                                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 10.13.8.1.                                   | Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.8.2.                                   | Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.8.3.                                   | Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.9.                                     | Low Oil Pressure Switch (Garret)                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.13.9.1.                                   | Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.9.2.                                   | Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.9.3.                                   | Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.10.                                    | History Recorder (Meter Assembly)                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.13.10.1.                                  | Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.10.2.                                  | Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.10.3.                                  | Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.11.                                    | Fuel Control                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.13.11.1.                                  | Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.11.2.                                  | Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.11.3.                                  | Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.12.                                    | Hydraulic Starter                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.13.12.1.                                  | Remove                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.12.2.                                  | Inspect                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.13.12.3.                                  | Install                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.                                       | SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 10.14.1.                                     | Installed Engine Run Certifying Official                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.2.                                     | All Systems IPI (no egress, welding, munitions, fuel cell in-tank)                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.3.                                     | Aircraft Inlet/Intake/Exhaust Certifying Official                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.4.                                     | Flexible Borescope Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.5.                                     | Engine Blade Blend Certifying Official                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.6.                                     | Red X by Primary AFSC (PAFSC) and MDS                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.7.                                     | IPI by PAFSC and MDS                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.8.                                     | Red-X and/or IPI - Limited                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.9.                                     | Installed Engine Run by MDS                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.10.                                    | Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.11.                                    | Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.12.                                    | Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.13.                                    | Aircraft Inlet/Intake/Exhaust Certification                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.14.                                    | Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.15.                                    | Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.16.                                    | Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 10.14.17.                                    | Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

|                                                                                                                                                                                                                                                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References                                                                                                                                                                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                                                                                                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| ATTACHMENT 11                                                                                                                                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 1: These items are TFE731 system-specific tasks.                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks identified by */R as core tasks are optional for ANG and AFRC when training capability is not available, but must be accomplished when capability becomes available. |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.1. GENERAL ENGINE                                                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.1.1. Constructional Features                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2. GENERAL MAINTENANCE<br>TR: TOs 1-1A-8, 1-1A-14, 44B-1-15,<br>,and Applicable Aircraft/Engine TOs                                                                                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.1. Surge Bleed Valve                                                                                                                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.1.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.1.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.1.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.2. Anti-Ice Plumbing                                                                                                                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.2.1. Remove                                                                                                                                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.2.2. Inspect                                                                                                                                                                                                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.2.3. Install                                                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.3. Digital Electronic Engine Control                                                                                                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.3.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.3.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.3.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.4. Fuel Pump                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.4.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.4.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.4.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.5. Fuel Control                                                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.5.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.5.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.5.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.6. Fuel Oil Cooler                                                                                                                                                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.6.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.6.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.6.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.7. Fuel Filter                                                                                                                                                                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.7.1. Remove                                                                                                                                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.7.2. Inspect                                                                                                                                                                                                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.7.3. Install                                                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.8. Exciter                                                                                                                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.8.1. Remove                                                                                                                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.8.2. Inspect                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.8.3. Install                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.9. Igniter Plug                                                                                                                                                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.9.1. Remove                                                                                                                                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.9.2. Inspect                                                                                                                                                                                                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.9.3. Install                                                                                                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.10. Igniter Lead                                                                                                                                                                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.10.1. Remove                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.10.2. Inspect                                                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.10.3. Install                                                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.11. Oil Pump                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 11.2.11.1. Remove                                                                                                                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.11.2. Inspect                                                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 11.2.11.3. Install                                                                                                                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                    | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 11.2.12. Oil Tank                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.12.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.12.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.12.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.12.4. Service                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.13. Oil Breather Pressurizing Valve           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.13.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.13.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.13.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.14. Oil Filter                                |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.14.1. Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.14.2. Inspect                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.14.3. Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.15. Chip Detectors                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.15.1. Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.15.2. Inspect                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.15.3. Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.16. Compressor Inlet Temperature (CIT) Sensor |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.16.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.16.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.16.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.17. Fuel Flow Transmitter                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.17.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.17.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.17.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.18. Low Oil Pressure Switch                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.18.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.18.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.18.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.19. Oil Pressure Transmitter                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.19.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.19.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.19.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.20. Oil Temperature Sensor                    |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.20.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.20.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.20.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.21. Engine Starter                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.21.1. Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.21.2. Inspect                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.21.3. Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.21.4. Service                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.22. Hydraulic Pump                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.22.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.22.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.22.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.23. Engine Harness                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.23.1. Remove                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.23.2. Inspect                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.23.3. Install                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.24. Engine Generator                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 11.2.24.1. Remove                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.24.2. Inspect                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.2.24.3. Install                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                              |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 11.2.25. Fire Loop                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.25.1. Remove                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.25.2. Inspect                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.25.3. Install                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.26. Tail Pipe/Tail Cone                                                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.26.1. Remove                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.26.2. Inspect                                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.26.3. Install                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.27. Engine Throttle Linkage                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.27.1. Remove                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.27.2. Inspect                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.27.3. Install                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.27.4. Rig                                                                                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.28. Nacelle Anti-Ice Valve                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.28.1. Remove                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.28.2. Inspect                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.28.3. Install                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.29. Engine Mounts                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.29.1. Remove                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.29.2. Inspect                                                                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.29.3. Install                                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.30. C-21A / Engine Inlet                                                                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.30.1. Remove                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.30.2. Inspect                                                                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.30.3. Install                                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.31. C-21A Engine After Body                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.31.1. Remove                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.31.2. Inspect                                                                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.31.3. Install                                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.32. Engine Removal and Installation on Airframe TR: TOs 1-1A-8, CMM C21A71, and Applicable aircraft TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.32.1. Remove                                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.32.2. Inspect                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.32.3. Install                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.33. Engine Cowling                                                                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.33.1. Open                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.33.2. Inspect                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.33.3. Close                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.34. Thrust Reverser                                                                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.2.34.1. Remove                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.34.2. Inspect                                                                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.34.3. Install                                                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.2.34.4. Rig                                                                                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.3. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 11.3.1. Installed Engine Run Certifying Official                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.3.2. All Systems IPI (N Egress, Welding, Munitions, Fuel Cell In-Tank)                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.3.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.3.4. Flexible Borescope Certifying Official                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 11.3.5. Engine Blade Blend Certifying Official                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                                                                     | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|-----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
| 1. Tasks, Knowledge and Technical References                                                        | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 11.3.6. Red X by Primary AFSC (PAFSC) and MDS                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.7. IPI by PAFSC and MDS                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.8. Red-X and/or IPI - Limited                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.9. Installed Engine Run by MDS                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.10. Engine Blade Blending                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.13. Aircraft Inlet/Intake/Exhaust Certification                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.14. Engine Flexible Borescope Inspections                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 11.3.17. Aircraft APU/GTC/APP Run Certifying Official                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References                                                                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                                                                                                                         | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                                                                                                                         | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| ATTACHMENT 12                                                                                                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on the F139 (KC-46) system.                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.1. ENGINE INSPECTION AND PREVENTIVE MAINTENANCE TR: TOs 00-5-14, 00-20 Series, and                                                                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.1.1. Constructional Features                                                                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.2. Engine Systems                                                                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.3. Extended Operations (ETOPS)                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4. General                                                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.1.4.1. Inlet and Exhaust                                                                                                                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.2. Operate, Input/Retrieve/ Interpret Data                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.3. Remove and Replace Data Transfer                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.4. Fuselage/Wing Access Entry                                                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.5. Fuselage/Wing Access Exit                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.6. Preparation/Safe for Maintenance                                                                                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.4.7. Entry and Cargo Compartment Doors,                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5. Operate                                                                                                                                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.1.5.1. Aircraft Doors (Service/Entry/Cargo)                                                                                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.2. Apply Electrical Power                                                                                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.3. Supply/Remove APU Generator Power                                                                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.4. Connect/Disconnect Pneumatic Air                                                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.5. Maintenance Data Page/System Data                                                                                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.6. Air Condition Pack Operation                                                                                                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.7. Main Hydraulic Systems                                                                                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.8. Flaps/Slats System                                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.9. Aircraft Interior Lights                                                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.1.5.10. Aircraft Exterior Lights                                                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2. ENGINE MAINTENANCE TR: TOs 00-20-1, 00-35D-54, 1-1A-8, 2J-1-13, 2-1-111, and Applicable Aircraft/Engine TOs                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.1.1. Install Engine Water Wash Equipment                                                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.2. Perform Compressor Wash                                                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.3. Remove Engine                                                                                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.4. Install Engine                                                                                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.5. Special Inspections (Over Speed, Over                                                                                                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.6. Clean Gas Turbine Aircraft Engines                                                                                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.7. Fire Detector Element (Fire Loop)                                                                                                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.1.7.1. Remove                                                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.7.2. Inspect                                                                                                                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.7.3. Install                                                                                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.8. Engine Mounts (Fwd/Aft)                                                                                                                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.1.8.1. Remove                                                                                                                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|---------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 12.2.1.8.2. Inspect                                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.1.8.3. Install                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.2. Engine Cowl                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.2.1. Fan Cowl Opening/Closing                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.2.2. Core Cowl Opening/Closing                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.2.3. Fan Duct Cowl Opening/Closing                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.2.4. Inspect Cowling                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.3. Engine Operation<br>TR: TO 71-00-00                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.3.1. Engine Start                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.3.2. Perform Operational Checkouts                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.3.3. Perform Engine Leak Checks                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.3.4. Engine Shutdown                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.3.5. Engine Wet Motor                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.3.6. Engine Dry Motor                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4. Engine TR: TO 72-00-00                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.4.1. Inspect 1 <sup>st</sup> Stage Stator Vane                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4.2. Inspect Outer Liner Segments                              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4.3. Inspect Intermediate Case Fairing                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4.4. Inspect Fan Exit Fairing                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4.5. Inspect Fan Exit Case and Vane                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.4.6. Inspect Main Gearbox                                      |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.5. 1 <sup>st</sup> Stage Fan Blade                             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.5.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.5.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.5.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.6. Inlet Cone                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.6.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.6.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.6.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.7. Starter Drive Oil Seal                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.7.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.7.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.7.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.8. Angle Gearbox                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.8.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.8.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.8.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.9. Engine Fuel and Control TR:<br>TO 73-00-00                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.9.1. Perform Fuel Flow Indicating System -<br>Operational Test | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.9.2. Perform Thrust Lever Angle -<br>Operational Test          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.10. Electronic Engine Control (EEC)                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.10.1. Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.10.2. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.10.3. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.11. EEC Alternator Stator/Rotor                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.11.1. Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.11.2. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.12. Fuel Pump                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.12.1. Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.12.2. Inspect                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.12.3. Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|-----------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 12.2.12. Fuel Metering Unit (Fuel Control)          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.13.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.13.2. Inspect                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.13.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.14. Fuel Filter                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.14.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.14.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.14.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.15. Fuel Filter Differential Pressure Switch   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.15.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.15.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.15.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.16. Fuel Flow Transmitter                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.16.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.16.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.16.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.17. Fuel Distribution Valve                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.17.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.17.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.17.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.18. Ignition System TR: TO 74-00-00            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.18.1. Ignition System Visual Check             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.18.2. Ignition System Audible Test             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.18.3. Exciter to Igniter Plug Cable Inspection | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.19. Ignition Exciter                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.19.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.19.2. Inspect                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.19.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.20. Ignition Igniter Plug                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.20.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.20.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.20.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.21. Igniter Plug Cable (Ignition Lead)         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.21.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.21.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.21.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.22. Air System TR: TO 75-00-00                 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.22.1. Inspect Turbine Cooling System           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.23. Variable Stator Vane Actuator              |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.23.1. Remove                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.23.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.23.3. Install                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.24. Turbine Vane and Blade Cooling Air         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.24.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.24.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.24.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.25. Turbine Vane and Blade Cooling Air         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.25.1. Removal                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.25.2. Inspect                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.25.3. Install                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 12.2.26. PS3 Air Filter Element                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 12.2.26.1. Remove                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|--------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                              | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 12.2.26.2.2 Inspect/Clean                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.26.2. Install                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.27. 2.5 Bleed Valve Actuator                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.27.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.27.2. Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.27.3. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.28. Left/Right 2.9 Bleed Valve                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.28.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.28.2. Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.28.3. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.29. Engine Indication TR: TO 77-00-00                   |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.29.1. EGT Thermocouple Box And Cable Check              |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.29.2. Airborne Vibration Monitoring (AVM) System Test   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.29.3. Engine Tachometer System Operational Test         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.29.4. Exhaust Gas Temperature Indication System Check   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.30. Exhaust System TR: TO 78-00-00                      |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.30.1. Turbine Exhaust System Inspection                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.31. Turbine Exhaust Sleeve                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.31.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.31.2. Inspect                                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.31.3. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.32. Oil System TR: TO 79-00-00                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.32.1. Oil System Tubing Inspection                      |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.32.2. Oil System Component Inspection                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.32.5. Oil Quantity Indicating System – Operational Test | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.32.6. Oil Pressure Indicating System – Operational Test | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.32.7. Low Oil Pressure Warning System – Operation Test  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33. Oil Tank                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.33.1. Remove                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33.2. Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33.3. Service                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33.4. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33.5. Open Oil Tank Cap                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.33.6. Close Oil Tank Cap                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.34. Magnetic Chip Detector                              |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.34.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.34.2. Inspect/Clean                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.34.3. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.35. Oil Filter                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.35.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.35.2. Inspect                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.35.3. Install                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.36. Oil Lube and Scavenge Pump                          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.36.1. Remove                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.36.2. Inspect                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

| 1. Tasks, Knowledge and Technical References             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |                    |         |
|----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|--------------------|---------|
|                                                          | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |         | B<br>5 Skill Level |         |
|                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course         | (2) CDC |
| 12.2.36.3. Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.37. Oil Quantity Transmitter                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.37.1. Remove                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.37.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.37.3. Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.38. Oil Pressure Transmitter                        |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.38.1. Remove                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.38.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.38.3. Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.39. Engine Wiring Harness                           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.39.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.39.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.39.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.40. Engine Gearbox                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.40.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.40.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.40.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.41. Gearbox Garlock Seal                            |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.41.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.41.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.41.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.42. Air/Oil Exchanger Valve                         |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.42.1. Remove                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.42.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.42.3. Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.43. No. 1, 1.5, and 2 Bearing Last Chance           |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.43.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.43.2. Inspect/Clean                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.43.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.44. No. 3 Bearing Oil Pressure Strainer             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.44.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.44.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.44.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.45. Main and Angle Gearbox Last Chance Oil Strainer |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.45.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.45.2. Inspect/Clean                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.45.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.46. No. 4 Bearing Last Chance Oil Strainer          |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.46.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.46.2. Inspect/Clean                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.46.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.47. IDG TR: TO 24-00-00                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.47.1 IDG Air/Oil Heat Exchanger                     |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.47.1.1 Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.47.1.2 Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.47.1.3 Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.48. IDG                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |                    |         |
| 12.2.48.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |
| 12.2.48.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -                  | -       |

|                                              | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|----------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                              | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| 12.2.48.3. Install                           |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 12.2.48.4. Service                           |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 12.2.49. IDG Oil Filter                      |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 12.2.49.1. Remove                            |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 12.2.49.2. Inspect                           |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 12.2.49.3. Install                           |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |

| 1. Tasks, Knowledge and Technical References                                                                                                                            | 2. Core Tasks                                                                                                                               |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                                                                         | A                                                                                                                                           | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                                                                         | 5 Level                                                                                                                                     | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                                                                         |                                                                                                                                             |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| ATTACHMENT 13                                                                                                                                                           |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| NOTE 1: The tasks and knowledge listed in this attachment are performed by personnel performing maintenance on T56 (C-130) system.                                      |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| NOTE 2: The tasks and knowledge listed in this attachment are performed by personnel in the apprentice (3-level) J3ABR2A631H048C course.                                |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| NOTE 3: These items are T56 unique tasks that are too specific to fall under any of the tasks in STS attachment 2.                                                      |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| NOTE 4: Users are responsible for annotating training references to identify current references pending STS revision.                                                   |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| NOTE5: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available. |                                                                                                                                             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.1.                                                                                                                                                                   | OPERATE TEST EQUIPMENT<br>TR: 1C-130H-2-71JG-00-2;<br>1C-130H-2-71JG-00-3; 1C-130H-2-73JG-00-2; 1C-130H-2-77JG-00-1;<br>3H1-18-2; 2J-T56-56 |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.1.1.                                                                                                                                                                 | Electrical Components Test Set                                                                                                              |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.2.                                                                                                                                                                 | Thermocouple Resistance Tester                                                                                                              |         | *                        |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.1.3.                                                                                                                                                                 | Thermocouple High Current Tester                                                                                                            |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.4.                                                                                                                                                                 | Prop Synchrophaser System Test Set                                                                                                          |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.5.                                                                                                                                                                 | Scavenge Back Pressure Test Set                                                                                                             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.6.                                                                                                                                                                 | Propeller Hydraulic Tester                                                                                                                  |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.7.                                                                                                                                                                 | Valve Housing Test Stand                                                                                                                    |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.8.                                                                                                                                                                 | Accurate Tachometer                                                                                                                         |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.9.                                                                                                                                                                 | Performance Calculator                                                                                                                      |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.10.                                                                                                                                                                | Temperature Datum Amplifier Test set                                                                                                        |         | *                        |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.1.11.                                                                                                                                                                | Dynamic Balancer                                                                                                                            |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.1.12.                                                                                                                                                                | Fuel Nozzle Flow Tester                                                                                                                     |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.2.                                                                                                                                                                   | ENGINE AND RELATED SYSTEMS TR: 1C-130H-2-70GS-00-1                                                                                          |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.2.1.                                                                                                                                                                 | Constructional Features                                                                                                                     |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.                                                                                                                                                                 | Principles of Engine Systems Operation                                                                                                      |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.2.2.1.                                                                                                                                                               | Compressor                                                                                                                                  |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.2.                                                                                                                                                               | Combustion                                                                                                                                  |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.3.                                                                                                                                                               | Turbine                                                                                                                                     |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.4.                                                                                                                                                               | Gearbox                                                                                                                                     |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.5.                                                                                                                                                               | Propeller                                                                                                                                   |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.6.                                                                                                                                                               | Torquemeter/Torqueshaft                                                                                                                     |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.7.                                                                                                                                                               | Trace and Interpret System Schematics                                                                                                       |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.2.2.8.                                                                                                                                                               | Electrical                                                                                                                                  |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.9.                                                                                                                                                               | Oil                                                                                                                                         |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.10.                                                                                                                                                              | Fuel                                                                                                                                        |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.11.                                                                                                                                                              | Ignition                                                                                                                                    |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.12.                                                                                                                                                              | Anti-Icing                                                                                                                                  |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.13.                                                                                                                                                              | Engine Start                                                                                                                                |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.14.                                                                                                                                                              | Bleed Air                                                                                                                                   |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.15.                                                                                                                                                              | Fire Warning                                                                                                                                |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.16.                                                                                                                                                              | Engine Indicating                                                                                                                           |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.2.2.17.                                                                                                                                                              | Overheat Warning                                                                                                                            |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |

|                                              |                                                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              |                                                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 13.2.2.18.                                   | Temperature Datum                                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 13.2.2.19.                                   | Negative Torque Signal                                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 13.2.2.20.                                   | Oil Cooler Augmentation                                                                                    |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 13.2.2.21.                                   | Mechanical Controls                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |
| 13.2.3.                                      | Troubleshoot Systems and Components TR: 1C-130H-2-70FI-00-1-1; 1C-130H-2-70FI-00-1-2                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.2.3.1.                                    | Start                                                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.2.                                    | Ignition                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.3.                                    | Oil                                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.4.                                    | Fuel                                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.5.                                    | Bleed Air                                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.6.                                    | Anti-icing                                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.7.                                    | Fire Warning                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.8.                                    | Mechanical Control                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.9.                                    | Engine Indicating                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.10.                                   | Overheat Warning                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.11.                                   | Temperature Datum                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.12.                                   | Negative Torque Signal                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.2.3.13.                                   | Oil Cooler Augmentation                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.                                        | ENGINE MAINTENANCE TR: TOs 00-20 Series, 1-1A8, 2J-1-13, 2J-T56-56, and Applicable Aircraft and Engine TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.1.                                      | Reduction Gearbox (RGB) TR: 1C-130H-2-71JG-00-2                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.1.1.                                    | Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.1.2.                                    | Disassemble                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.1.3.                                    | Inspect                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.1.4.                                    | Repair                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.1.5.                                    | Assemble                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.1.6.                                    | Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.2.                                      | Propeller Brake TR: 1C-130H-2-71JG-00-2                                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.2.1.                                    | Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.2.2.                                    | Inspect                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.2.3.                                    | Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.2.4.                                    | Perform Propeller Brake Flush                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.3.                                      | Torquemeter TR: 1C-130H-2-71JG-00-2                                                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.3.1.                                    | Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.3.2.                                    | Inspect                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.3.3.                                    | Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.                                      | Compressor Module TR: 2J-T56-56                                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.4.1.                                    | Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.2.                                    | Disassemble                                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.3.                                    | Inspect                                                                                                    |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.4.4.                                    | Repair                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.5.                                    | Assemble                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.6.                                    | Install                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.4.7.                                    | Blend Blades                                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.5.                                      | Combustion Section TR: 2J-T56-56                                                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.5.1.                                    | Remove                                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.5.2.                                    | Inspect                                                                                                    |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|---------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                     | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 13.3.5.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.6. Turbine Module TR: 2J-T56-56                                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.6.1. Remove                                                    |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.6.2. Disassemble                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.6.3. Inspect                                                   |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.6.4. Assemble                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.6.5. Install                                                   |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.6.6. Set Turbine Rotor Axial Clearance                         |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.7. Engine Rigging TR: 1C-130H-2-76JG-00-1                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.7.1. Rig Firewall to Coordinator                               |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.7.2. Rig Coordinator to Fuel control                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.7.3. Rig Coordinator to Propeller                              |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.7.4. Throttle Control System                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.7.5. Condition Control System                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.8. Turbine Rear Bearing Support (Trbs) TR: 1C-130H-2-71JG-00-2 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.8.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.8.2. Disassemble                                               | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.8.3. Inspect                                                   |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.8.4. Assemble                                                  | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.8.5. Install                                                   | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.9. Tailpipe Exhaust TR: 1C-130H-2-71JG-00-2                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.9.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.9.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.9.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10. Accessory Drive Housing TR: 2J-T56-56                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.10.1. Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10.2. Disassemble                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10.3. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10.4. Repair                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10.5. Assemble                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.10.6. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.11. Fuel Control TR: 1C-130H-2-73JG-00-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.11.1. Remove                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.11.2. Inspect                                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.11.3. Install                                                  | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.11.4. Adjust                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.12. Fuel Pump TR: 1C-130H-2-73JG-00-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.12.1. Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.12.2. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.12.3. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.13. Temperature Datum Valve TR: 1C-130H-2-73JG-00-2            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 13.3.13.1. Remove                                                   |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.13.2. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 13.3.13.3. Install                                                  |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 13.3.13.4. Adjust                                                   | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References |                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.14.                                     | Fuel Heater Strainer Assembly TR: 1C-130H-2-73JG-00-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.14.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.14.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.14.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.15.                                     | Fuel Nozzles TR: 1C-130H-2-73JG-00-1                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.15.1.                                   | Remove                                                      | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.15.2.                                   | Clean                                                       | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 13.3.15.3.                                   | Inspect                                                     | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.15.4.                                   | Install                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.16.                                     | Fuel Flow Transmitter TR: 1C-130H-2-73JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.16.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.16.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.16.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.17.                                     | Fuel Control Shutoff Actuator TR: 1C-130H-2-73JG-00-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.17.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.17.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.17.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.18.                                     | Low Speed Ground Idle Solenoid TR: 1C-130H-2-73JG-00-1      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.18.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.18.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.18.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.19.                                     | Enrichment Valve TR: 1C-130H-2-73JG-00-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.19.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.19.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.19.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.20.                                     | Paralleling Valve TR: 1C-130H-2-73JG-00-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.20.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.20.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | b                                                                              | -       | -             | -       |
| 13.3.20.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.21.                                     | Manifold Drain Valve TR: 1C-130H-2-73JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.21.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.21.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.21.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.22.                                     | Fuel Pressure Signal Switch TR: 1C-130H-2-73JG-00-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.22.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.22.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.22.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.23.                                     | Secondary Fuel Pump Pressure Switch TR: 1C-130H-2-73JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.23.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.23.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.23.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.24.                                     | Manifold Pressure Switch TR: 1C-130H-2-73JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

|                                              |                                                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|----------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                                | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.24.1.                                   | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.24.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.24.3.                                   | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.25.                                     | Fuel Heater Strainer Filter TR: 1C-130H-2-73JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.25.1.                                   | Remove                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.25.2.                                   | Inspect                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.25.3.                                   | Install                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.26.                                     | Low Pressure Fuel Filter TR: 1C-130H-2-73JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.26.1.                                   | Remove                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.26.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.26.3.                                   | Install                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.27.                                     | High Pressure Fuel Filter TR: 1C-130H-2-73JG-00-1              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.27.1.                                   | Remove                                                         | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.27.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.27.3.                                   | Install                                                        | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.28.                                     | Power Section Oil Pump TR: 1C-130H-2-79JG-00-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.28.1.                                   | Remove                                                         |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.28.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.28.3.                                   | Install                                                        |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.28.4.                                   | Adjust                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.29.                                     | Reduction Gearbox Main Oil Pump TR: 1C-130H-2-79JG-00-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.29.1.                                   | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.29.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.29.3.                                   | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.29.4.                                   | Adjust                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.30.                                     | External Scavenge Oil Pump TR: 1C-130H-2-79JG-00-1             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.30.1.                                   | Remove                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.30.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.30.3.                                   | Install                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.31.                                     | Turbine Rear Bearing Scavenge Oil Pump TR: 1C-130H-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.31.1.                                   | Remove                                                         |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.31.2.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.31.3.                                   | Install                                                        |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.32.                                     | Power Section Oil Filter TR: 1C-130H-2-79JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.32.1.                                   | Remove                                                         | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.32.2.                                   | Disassemble                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.32.3.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.32.4.                                   | Reassemble                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.32.5.                                   | Install                                                        | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.33.                                     | Reduction Gearbox Oil Filter TR: 1C-130H-2-79JG-00-1           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.33.1.                                   | Remove                                                         | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.33.2.                                   | Disassemble                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.33.3.                                   | Inspect                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.33.4. Reassemble                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.33.5. Install                                                       | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.34. External Scavenge Oil Filter TR: 1C-130H-2-79JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.34.1. Remove                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.34.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.34.3. Install                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.35. Oil Tank TR: 1C-130H-2-79JG-00-1                                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.35.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.35.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.35.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.35.4. Service                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.36. Oil Cooler TR: 1C-130H-2-79JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.36.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.36.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.36.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.37. Oil Cooler Flap Actuator TR: 1C-130H-2-79JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.37.1. Remove                                                        | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.37.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.37.3. Install                                                       | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.38. Oil Temperature Control Thermostat TR: 1C-130H-2-79JG-00-1      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.38.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.38.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.38.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.39. Oil Temperature Bulb TR: 1C-130H-2-79JG-00-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.39.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.39.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.39.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.40. Oil Cooler Augmentation Pressure Switch TR: 1C-130H-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.40.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.40.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.40.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.41. Oil Cooler Augmentation Air Valve TR: 1C-130H-2-79JG-00-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.41.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.41.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.41.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.42. Oil Tank Shut-Off Valve TR: 1C-130H-2-79JG-00-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.42.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.42.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.42.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.43. Oil Pressure Transmitter TR: 1C-130H-2-79JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.43.1. Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.43.2. Inspect                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.43.3. Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.43.4. Adjust                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.44. Oil Quantity Transmitter TR: 1C-130H-2-79JG-00-1   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.44.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.44.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.44.3. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.45. Ignition Relay TR: 1C-130H-2-80JG-00-1             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.45.1. Remove                                           | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.45.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.45.3. Install                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.46. Igniter Plugs TR: 1C-130H-2-80JG-00-1              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.46.1. Remove                                           | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.46.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.46.3. Install                                          | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.47. Ignition Exciter TR: 1C-130H-2-80JG-00-1           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.47.1. Remove                                           |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.47.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.47.3. Install                                          |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.48. Igniter Leads TR: 1C-130H-2-80JG-00-1              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.48.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.48.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.48.3. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.49. Scoop Anti-Icing Air Valve TR: 1C-130H-2-80JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.49.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.49.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.49.3. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.50. Anti-Icing Solenoid Valve TR: 1C-130H-2-80JG-00-1  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.50.1. Remove                                           |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.50.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.50.3. Install                                          |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.51. Inlet Anti-Icing Air Valve TR: 1C-130H-2-80JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.51.1. Remove                                           |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.51.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.51.3. Install                                          |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.52. Ice Detector TR: 1C-130H-2-71JG-00-2               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.52.1. Remove                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.52.2. Inspect                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.52.3. Install                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.53. Thermocouples TR: 1C-130H-2-73JG-00-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.53.1. Remove                                           | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.53.2. Inspect                                          | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.53.3. Install                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.54. Thermocouple Harness TR: 1C-130H-2-73JG-00-2       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References |                                                                 | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|-----------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                                 | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                 |               |         |                          |          |                  |                  |                    | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                 | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.54.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.54.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.54.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.55.                                     | Thermocouple Harness Terminal (T block) TR: 1C-130H-2-73JG-00-2 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.55.1.                                   | Remove                                                          | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.55.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.55.3.                                   | Install                                                         | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.56.                                     | Turbine Thermocouple Cable (Y-Lead) TR: 1C-130H-2-73JG-00-2     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.56.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.56.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.56.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.57.                                     | Starter TR: 1C-130H-2-80JG-00-1                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.57.1.                                   | Remove                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.57.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.57.3.                                   | Install                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.57.4.                                   | Service                                                         |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 13.3.58.                                     | Starter Pressure Switch TR: 1C-130H-2-80JG-00-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.58.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.58.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.58.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.59.                                     | Starter Control Valve TR: 1C-130H-2-80JG-00-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.59.1.                                   | Remove                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.59.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.59.3.                                   | Install                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.60.                                     | Speed Sensitive Valve TR: 1C-130H-2-80JG-00-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.60.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.60.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.60.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.61.                                     | Speed Sensitive Valve Air Filter TR: 1C-130H-2-80JG-00-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.61.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.61.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.61.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.62.                                     | AC Generator TR: 1C-130H-2-80JG-00-1                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.62.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.62.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.62.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.63.                                     | Coordinator TR: 1C-130H-2-73JG-00-1                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.63.1.                                   | Remove                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.63.2.                                   | Inspect                                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.63.3.                                   | Install                                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.64.                                     | Hydraulic Pump TR: 1C-130H-2-29JG-00-1-1                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.64.1.                                   | Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.64.2.                                   | Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.64.3.                                   | Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                   | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.65. Speed Sensitive Control TR: 1C-130H-2-80JG-00-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.65.1. Remove                                              | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.65.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.65.3. Install                                             | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.66. Tachometer Generator TR: 1C-130H-2-77JG-00-1          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.66.1. Remove                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.66.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.66.3. Install                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.67. Temperature Datum Amplifier TR: 1C-130H-2-73JG-00-2   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.67.1. Remove                                              | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.67.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.67.3. Install                                             | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.67.4. Adjust                                              | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.3.68. Torquemeter Magnetic Pick-up TR: 1C-130H-2-77JG-00-1  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.68.1. Remove                                              |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.68.2. Inspect                                             |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.68.3. Install                                             |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.69. Quick Engine Change (QEC) Kit TR: 1C-130H-2-71JG-00-2 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.69.1. Remove                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.69.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.69.3. Repair                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.69.4. Install                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.70. Engine Cowling and Access Panels TR: 1-1A-8           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.70.1. Remove                                              |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.70.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.70.3. Install                                             |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.3.71. Engine Mounts TR: 1C-130H-2-71JG-00-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.71.1. Remove                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.71.2. Disassemble                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.71.3. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.71.4. Assemble                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.71.5. Install                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.72. Gimble Assembly TR: 1C-130H-2-76JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.72.1. Remove                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.72.2. Disassemble                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.72.3. Inspect                                             |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.72.4. Assemble                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.72.5. Install                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.73. Engine Relay Box TR: 2J-T56-56                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.73.1. Remove                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.73.2. Inspect                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.73.3. Install                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.73.4. Test                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.74. Compressor Bleed Air Valves                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References                                                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                                      |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.3.74.1. Remove                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.74.2. Inspect                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.74.3. Install                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.75. Compressor Bleed Air Collector                                                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.3.75.1. Remove                                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.75.2. Inspect                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.3.75.3. Install                                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.4. ENGINE REMOVAL AND INSTALLATION IN AIR FRAME<br>TR: TOs 1-1A-8, 2J-1-24; and TR: 1C-130H-2-71JG-00-2           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.4.1. Remove                                                                                                       | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.4.2. Install                                                                                                      | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.4.3. Service Engine                                                                                               |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 13.4.4. Rig Engine Control Cables/Linkages                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.4.5. No-Load Engine/Wing                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5. AIRCRAFT INSTALLED<br>ENGINE TESTING TR: 1C-130H-2-71JG-001-; 1C-130H-2-71JG-00-3; 1C-130H-2-77JG-00-1; 11-218 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.5.1. Perform Pre Operational Checks                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.2. Perform Operational Checks of Engine                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.3. Adjust Engine Components                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.4. Remove Engine Indicators                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.5. Install Engine Indicators                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.6. Calibrate Torque Indicator                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.7. Evaluate Engine Performance                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.8. Perform Post- Operational Checks                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.9. Observe Safety and Ground Procedures                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.5.10. Propeller Balance                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6. TEST STAND ENGINE TESTING<br>TR: TO 33D4-6-212-61; TR: 1C-130H-2-71JG-00-1                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.6.1. Perform Pre- Operational Checks                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.2. Perform Operational Checks of Engine in Test Stand                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.3. Evaluate Engine Performance                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.4. Adjust engine components                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.5. Perform Post- Operational Checks                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.6. Install Engine on Test Stand                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.7. Install Turbine Shroud                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.8. Remove Engine from Test Stand                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.9. Remove Turbine Shroud                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.10. Observe Safety and Ground Procedures                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.11. Operate Test Stand                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.12. Inspect Test Stand                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.13. Maintain Test Stand                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.14. Propeller Balance                                                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                    | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                    |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.6.15. Set Up/Erect Test Stand                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.16. Disassemble Test Stand                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.6.17. Troubleshoot Test Stand                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7. PROPELLER TR: 1C-130H-2-61GS-00-1                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.1. Fundamentals                                                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.1.1. Constructional Features                                                                  |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.7.1.2. Operating Principles                                                                     |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 13.7.2. Propeller Maintenance TR: 00-20 Series, 1- 1A-8, and Applicable Aircraft and Propeller TOs |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.1. Propeller Assembly TR: 1C-130H-2-61JG-10-1                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.1.1. Remove                                                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.7.2.1.2. Inspect                                                                                |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.7.2.1.3. Install                                                                                | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.7.2.1.4. Disassemble                                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.1.5. Repair                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.1.6. Assemble                                                                               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.1.7. Service                                                                                | *             |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 13.7.2.1.8. Adjust Blade Angles                                                                    | *             |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.7.2.1.9. Rig Propeller Linkage                                                                  |               | *       |                          |          |                  |                  |                    | 1a                                                                             | -       | -             | -       |
| 13.7.2.1.10. Perform Operational Checks                                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.2. Blade Assembly TR: 1C-130H-2-61JG-10-1; 3H1-18-2                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.2.1. Blade Repair(on Equipment)                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.2.2. Blade Repair (off Equipment)                                                           |               |         |                          |          |                  |                  |                    | a                                                                              | -       | -             | -       |
| 13.7.2.3. Control Assembly TR: 3H1-18-2                                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.3.1. Remove                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.3.2. Inspect                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.3.3. Repair                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.3.4. Test                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.3.5. Install                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.4. Rear Lip Seal TR: 1C-130H-2-61JG-20-1                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.4.1. Remove                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.4.2. Install                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.5. Front Cover Seal TR: 1C-130H-2-61JG-20-1                                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.5.1. Remove                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.5.2. Install                                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6. Valve Housing Assembly/EPCS TR: 1C- 130H-2-61JG-20-1                                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.6.1. Remove                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6.2. Inspect                                                                                |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6.3. Repair                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6.4. Test                                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6.5. Adjust                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.6.6. Install                                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.7. Propeller Supply and Standby Filter TR: 1C-130H-2-61JG-20-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.7.1. Remove                                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References              | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                           | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                           |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.7.2.7.2. Disassemble                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.7.3. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.7.4. Assemble                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.7.5. Install                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.8. Hub Mounting Bulkhead TR: 3H1-18-2              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.8.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.8.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.8.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.9. Dome TR: 1C-130H-2-61JG-10-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.9.1. Remove                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.9.2. Inspect                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.9.3. Install                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.10. Dome Piston Seal TR: 1C-130H-2-61JG-10-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.10.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.10.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.10.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.11. Low Pitch Stop TR: 1C-130H-2-61JG-10-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.11.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.11.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.11.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.11.4. Adjust                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.12. Pitchlock Regulator TR: 1C-130H-2-61JG-10-1    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.12.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.12.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.12.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.13. Synchrophaser Unit TR: 1C-130H-2-61JG-20-1     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.13.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.13.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.13.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.14. Brush Block TR: 1C-130H-2-61JG-20-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.14.1. Remove                                       | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.7.2.14.2. Inspect                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.14.3. Repair                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.14.4. Test                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.14.5. Install                                      | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 13.7.2.15. Pulse Generator TR: 1C-130H-2-61JG-20-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.15.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.15.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.15.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.16. Float Switch TR: 1C-130H-2-61JG-20-1           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.16.1. Remove                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.16.2. Inspect                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.16.3. Install                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.17. Pressure Cutout Switch TR: 1C-130H-2-61JG-20-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                        | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                        | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                        |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.7.2.17.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.17.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.17.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.18. Pressure Cutout Backup Switch TR: 1C-130H-2-61JG-20-1       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.18.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.18.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.18.3. Adjust                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.18.4. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.19. Beta Switch TR: 1C-130H-2-61JG-20-1                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.19.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.19.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.19.3. Adjust                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.19.4. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.20. Negative Torque Signal (NTS) Switch TR: 1C-130H-2-61JG-20-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.20.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.20.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.20.3. Adjust                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.20.4. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.21. Throttle Anticipation Potentiometer TR: 1C-130H-2-61JG-20-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.21.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.21.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.21.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.22. Auxiliary Pump Motor TR: 1C-130H-2-61JG-20-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.22.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.22.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.22.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.23. Feather Solenoid TR: 1C-130H-2-61JG-20-1                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.23.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.23.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.23.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.24. Deicer Contact Ring Assembly TR: 3H1-18-2                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.24.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.24.2. Inspect                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.24.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.25. After body TR: 1C-130H-2-61JG-10-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.25.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.25.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.25.3. Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.26. Front Spinner TR: 1C-130H-2-61JG-10-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.26.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.26.2. Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.26.3. Repair                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.26.4. Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.27. Rear Spinner TR: 3H1-18-2                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.27.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.27.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                      |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 13.7.2.27.3. Repair                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.27.4. Install                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.28. After body Mounting Bracket TR: 3H1-18-2                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.7.2.28.1. Remove                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.28.2. Inspect                                                                                 |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.28.3. Repair                                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.7.2.28.4. Install                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 13.8.1. Installed Engine Run Certifying Official                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.4. Flexible Borescope Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.5. Engine Blade Blend Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.6. Red X by Primary AFSC (PAFSC) and MDS                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.7. IPI by PAFSC and MDS                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.8. Red-X and/or IPI - Limited                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.9. Installed Engine Run by MDS                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.10. Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.13. Aircraft Inlet/Intake/Exhaust Certification                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.14. Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 13.8.17. Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                                                                                                                                          |                                                                                                  | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|--|
| 1. Tasks, Knowledge and Technical References                                                                                                                             |                                                                                                  | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |  |
|                                                                                                                                                                          |                                                                                                  | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |  |
| ATTACHMENT 14:                                                                                                                                                           |                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| NOTE 1: This attachment is for the AE2100D engine (C130J model aircraft).                                                                                                |                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| NOTE 2: The tasks and knowledge listed in this attachment are performed by personnel in the apprentice (3-level) J3ABR2A631H048C course.                                 |                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.                                                    |                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| NOTE 4: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available. |                                                                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.1.                                                                                                                                                                    | OPERATE TEST EQUIPMENT<br>TR: TO 1C-130J-2-72JG-00-1;<br>31S5-4-2834-1                           |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.1.1.                                                                                                                                                                  | Engine Electronic Turning Tool                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.1.2.                                                                                                                                                                  | Data Transfer and Diagnostic System (DTADS)                                                      | *             |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.2.                                                                                                                                                                    | AIRCRAFT RELATED SYSTEMS<br>TR: TO 1C-130J-2-46GS-00-1; 1C-130J-2-31GS-00-1; 1C-130J-2-48GS-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.2.1.                                                                                                                                                                  | Avionics Management Unit (AMU)                                                                   |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.2.1.1.                                                                                                                                                                | Operate Avionics Management Unit (AMU)                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.2.2.                                                                                                                                                                  | Dual Slotted Data Transfer System (DSDTS)                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.2.3.                                                                                                                                                                  | Communication/ Navigation/ Identification Management unit (CNI-MU)                               |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.                                                                                                                                                                    | ENGINE AND RELATED SYSTEMS TR: 1C-130J-2-70GS-00-1                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.3.1.                                                                                                                                                                  | Constructional Features                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.                                                                                                                                                                  | Principles of Engine Systems Operation TR: 1C-130J-2-70GS-00-1                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.3.2.1.                                                                                                                                                                | Starter                                                                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.2.                                                                                                                                                                | Ignition                                                                                         |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.3.                                                                                                                                                                | Oil                                                                                              |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.4.                                                                                                                                                                | Fuel                                                                                             |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.5.                                                                                                                                                                | Bleed Air                                                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.6.                                                                                                                                                                | Anti-Ice                                                                                         |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.7.                                                                                                                                                                | Fire Warning                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.2.8.                                                                                                                                                                | Overheat Warning                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.2.9.                                                                                                                                                                | Indicating                                                                                       |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.2.10.                                                                                                                                                               | Oil Cooler Augmentation                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.2.11.                                                                                                                                                               | Exhaust                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.2.12.                                                                                                                                                               | Variable Inlet Guide Vane Actuators and Linkage Systems                                          |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -          | -       |  |
| 14.3.3.                                                                                                                                                                  | Troubleshoot Systems and Components TR: 1C-130J-2-71FI-00-1                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |  |
| 14.3.3.1.                                                                                                                                                                | Starter                                                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.2.                                                                                                                                                                | Ignition                                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.3.                                                                                                                                                                | Oil                                                                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.4.                                                                                                                                                                | Fuel                                                                                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.5.                                                                                                                                                                | Bleed Air                                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.6.                                                                                                                                                                | Anti-Icing                                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |
| 14.3.3.7.                                                                                                                                                                | Fire Warning                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |  |

|                                              |                                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |         |               |            |         |
|----------------------------------------------|-------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|---------|---------------|------------|---------|
| 1. Tasks, Knowledge and Technical References |                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |            | B       |               |            |         |
|                                              |                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  | (1) Course | (2) CDC | 5 Skill Level | (1) Course | (2) CDC |
| 14.3.3.8.                                    | Overheat Warning                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.3.3.9.                                    | Indicating                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.3.3.10.                                   | Oil Cooler Augmentation                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.3.3.11.                                   | Exhaust                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.3.3.12.                                   | Variable Inlet Guide Vanes                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.                                        | ENGINE MAINTENANCE                                          |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.1.                                      | Engine Cowling and Access Panels TR: 1C-130J-2-00GV-00-1    |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.1.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.1.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.1.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.2.                                      | Engine Mounts TR: 1C-130J-2-71JG-00-2                       |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.2.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.2.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.2.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.3.                                      | Engine Plumbing TR 1-1A-8, 42E1-1-1                         |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.3.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.3.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.3.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.4.                                      | Inspect Section/ Module TR 1C-130J-2-72JG-00-1              |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.4.1.                                    | Inspect Turbine Section                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.4.2.                                    | Inspect Combustion Section                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.4.3.                                    | Inspect Compressor Module                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.4.4.                                    | Inspect Propeller Gearbox                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.5.                                      | Fuel Nozzles TR 1C-130J-2-73JG-00-1                         |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.5.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.5.2.                                    | Inspect                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.5.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.6.                                      | Starter TR 1C-130J-2-80JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.6.1.                                    | Remove                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.6.2.                                    | Inspect                                                     |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.6.3.                                    | Install                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.6.4.                                    | Service                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.7.                                      | Starter Control Valve TR 1C-130J-2-80JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.7.1.                                    | Remove                                                      | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -          | -       | -             | -          | -       |
| 14.4.7.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.7.3.                                    | Install                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -          | -       | -             | -          | -       |
| 14.4.8.                                      | Permanent Magnetic Alternator Stator TR 1C-130J-2-74JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.8.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.8.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.8.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.9.                                      | Exciter TR 1C-130J-2-74JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.9.1.                                    | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.9.2.                                    | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.9.3.                                    | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.10.                                     | Igniter Lead TR 1C-130J-2-74JG-00-1                         |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |
| 14.4.10.1.                                   | Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.10.2.                                   | Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.10.3.                                   | Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -       | -             | -          | -       |
| 14.4.11.                                     | Igniter TR 1C-130J-2-74JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |            |         |               |            |         |

| 1. Tasks, Knowledge and Technical References                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                   | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                   | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                   |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.11.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.11.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.11.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.12. Oil Tank TR 1C-130J-2-79JG-00-1                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.12.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.12.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.12.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.12.4. Service                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.13. Oil Tank Pressurizing Valve TR 1C-130J-2-79JG-00-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.13.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.13.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.13.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.14. Oil Tank Sump Shutoff Valve TR 1C-130J-2-79JG-00-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.14.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.14.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.14.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.15. Power Unit Accessory Drive Lube and Scavenge Pump TR 1C-130J-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.15.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.15.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.15.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.16. Propeller Gearbox Lube and Scavenge Pump TR 1C-130J-2-79JG-00-1          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.16.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.16.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.16.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.16.4. Adjust                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.17. Air/Oil Separator TR 1C-130J-2-79JG-00-1                                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.17.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.17.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.17.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.18. Engine Pressure and Scavenge Oil Filter Unit TR 1C-130J-2-79JG-00-1      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.18.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.18.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.18.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.19. Air Cooled Oil Cooler TR 1C-130J-2-79JG-00-1                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.19.1. Remove                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.19.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.19.3. Install                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.20. Oil Cooler Flap Actuator TR 1C-130J-2-79JG-00-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.20.1. Remove                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.20.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.20.3. Install                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.21. Power Section Pressure Oil Filter TR 1C-130J-2-79JG-00-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.21.1. Remove                                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.21.2. Inspect                                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.21.3. Install                                                                | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References |                                                                                            | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|--------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              |                                                                                            | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              |                                                                                            | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |                                                                                            |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.22.                                     | Propeller Gearbox Lube and Scavenge Oil Filter TR 1C-130J-2-79JG-00-1                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.22.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.22.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.22.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.23.                                     | Power Section Scavenge Oil filter TR 1C-130J-2-79JG-00-1                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.23.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.23.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.23.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.24.                                     | Oil Tank Quantity Probe TR 1C-130J-2-79JG-00-1                                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.24.1.                                   | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.24.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.24.3.                                   | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.25.                                     | Oil Tank Temperature Bulb TR 1C-130J-2-79JG-00-1                                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.25.1.                                   | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.25.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.25.3.                                   | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.26.                                     | Air Cooled Oil Cooler Temperature Bulb TR 1C-130J-2-79JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.26.1.                                   | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.26.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.26.3.                                   | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.27.                                     | Power Section Oil Pressure Sensor TR 1C-130J-2-79JG-00-1                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.27.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.27.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.27.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.28.                                     | Power Section Low Oil Pressure Switch TR 1C-130J-2-79JG-00-1                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.28.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.28.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.28.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.29.                                     | Propeller Gearbox Oil Pressure Sensor TR 1C-130J-2-79JG-00-1                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.29.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.29.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.29.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.30.                                     | Propeller Gearbox Low Oil Pressure Switch TR 1C-130J-2-79JG-00-1                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.30.1.                                   | Remove                                                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.30.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.30.3.                                   | Install                                                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.31.                                     | Power Section Scavenge Filter Electrical Impending Bypass Indicator TR 1C-130J-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.31.1.                                   | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.31.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.31.3.                                   | Install                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.32.                                     | Power Section Pressure Filter Electrical Impending Bypass Indicator TR 1C-130J-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.32.1.                                   | Remove                                                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.32.2.                                   | Inspect                                                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                             | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                          | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                          | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                          |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.32.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.33. Propeller Gearbox Pressure Filter Impending Bypass Valve TR 1C-130J-2-79JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.33.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.33.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.33.3. Install                                                                       |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.34. Propeller Gearbox Chip Detector TR 1C-130J-2-79JG-00-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.34.1. Remove                                                                        | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.34.2. Inspect                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.34.3. Install                                                                       | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.35. Gearbox Mounted Accessory Drive Chip Detector TR 1C-130J-2-79JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.35.1. Remove                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.35.2. Inspect                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.35.3. Install                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.36. Power Section Chip Detector TR 1C-130J-2-79JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.36.1. Remove                                                                        | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.36.2. Inspect                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.36.3. Install                                                                       | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.37. Fuel Pump Metering Unit TR 1C-130J-2-73JG-00-1                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.37.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.37.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.37.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.38. Fuel Cooled Oil Cooler TR 1C-130J-2-79JG-00-1                                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.38.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.38.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.38.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.39. Fuel Manifold TR 1C-130J-2-73JG-00-1                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.39.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.39.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.39.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.40. Fuel Filter TR 1C-130J-2-73JG-00-1                                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.40.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.40.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.40.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.41. Full Authority Digital Electronic Control (FADEC) TR 1C-130J-2-73JG-00-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.41.1. Remove                                                                        | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.41.2. Inspect                                                                       |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.41.3. Install                                                                       | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.41.4. Static Calibration                                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.41.5. Dynamic Calibration                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.42. FADEC Harness TR 1C-130J-2-73JG-00-1                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.42.1. Remove                                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.42.2. Inspect                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.42.3. Install                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.43. Fuel Mass Flow Sensor TR 1C-130J-2-73JG-00-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.43.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.43.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.43.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.44. Fuel Filter Impending Bypass Indicator TR 1C-130J-2-73JG-00-1      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.44.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.44.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.44.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.45. Fuel Temperature Switch TR 1C-130J-2-73JG-00-1                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.45.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.45.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.45.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.46. Bleed Air Valve TR 1C-130J-2-75JG-00-1                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.46.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.46.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.46.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.47. Compressor Acceleration Bleed Control Valve TR 1C-130J-2-75JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.47.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.47.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.47.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.48. Augmenter Valve TR 1C-130J-2-75JG-00-1                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.48.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.48.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.48.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.49. Pneumatic Controller TR 1C-130J-2-36JG-00-1                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.49.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.49.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.49.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.50. Mix-Muff TR 1C-130J-2-36JG-00-1                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.50.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.50.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.50.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.51. Compressor Inlet Temperature Sensor TR 1C-130J-2-75JG-00-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.51.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.51.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.51.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.52. Compressor Inlet Pressure Sensor TR 1C-130J-2-75JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.52.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.52.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.52.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.53. Compressor Discharge Temperature Sensor TR 1C-130J-2-75JG-00-1     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.53.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.53.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.53.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.54. Compressor Discharge Pressure Sensor TR 1C-130J-2-75JG-00-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

| 1. Tasks, Knowledge and Technical References                       | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|--------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                    | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                    | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                    |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.54.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.54.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.54.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.55. Nacelle Ambient Pressure Sensor TR 1C-130J-2-75JG-00-1    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.55.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.55.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.55.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.56. Anti-Icing Air Valve TR 1C-130J-2-75JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.56.1. Remove                                                  | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.56.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.56.3. Install                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.57. Torque Meter Pickup TR 1C-130J-2-77JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.57.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.57.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.57.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.58. Gas Generator Speed Sensor TR 1C-130J-2-77JG-00-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.58.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.58.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.58.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.59. Power Turbine Speed Sensor TR 1C-130J-2-77JG-00-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.59.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.59.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.59.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.60. Power Turbine Speed Sensor Harness TR 1C-130J-2-77JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.60.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.60.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.60.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.61. Thermocouple TR 1C-130J-2-77JG-00-1                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.61.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.61.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.61.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.62. Thermocouple Harness TR 1C-130J-2-77JG-00-1               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.62.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.62.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.62.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.63. Propeller Gearbox Vibration Sensor TR 1C-130J-2-77JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.63.1. Remove                                                  | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.63.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.63.3. Install                                                 | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.64. Compressor Vibration Sensor TR 1C-130J-2-77JG-00-1        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.64.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.64.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.64.3. Install                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.65. Turbine Vibration Sensor TR 1C-130J-2-77JG-00-1           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.65.1. Remove                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.65.2. Inspect                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.4.65.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.66. Nacelle Interface Unit (NIU) TR 1C-130J-2-77JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.66.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.66.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.66.3. Install                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.4.66.4. Upload Engine Data                                               | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.67. Engine Monitoring System Harness TR 1C-130J-2-77JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.67.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.67.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.67.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.68. Air Oil Cooler Augmentation Valve Tr 1c-130j-2-75jg-00-1           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.68.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.68.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.68.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.69. Air Oil Cooler Augmentation Pressure Switch TR 1C-130J-2-75JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.69.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.69.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.69.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.70. Exhaust Nozzle TR 1C-130J-2-78JG-00-1                              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.70.1. Remove                                                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.70.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.70.3. Install                                                          | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.71. Tailpipe Ejector TR 1C-130J-2-78JG-00-1                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.71.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.71.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.71.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.72. Compressor Variable Guide Vane Actuator TR 1C-130J-2-75JG-00-1     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.4.72.1. Remove                                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.72.2. Inspect                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.4.72.3. Install                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.5. ENGINE REMOVAL AND INSTALLATION IN AIRFRAME TR 1C-130J-2-71JG-00-2    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.5.1. Remove                                                              | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.5.2. Install                                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.6. ENGINE TRANSPORTATION TRAILER TR 1C-130J-2-71JG-00-2                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.6.1. Remove Engine                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.6.2. Install Engine                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7. AIRCRAFT ENGINE OPERATIONS TR 1C-130J-2-71JG-00-1                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.7.1. Perform Pre Operational Checks                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7.2. Perform Operational Checks of Engine                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7.3. Evaluate Engine Performance                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7.4. Perform Post Operational Checks                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-----------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                             | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                             | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                             |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.7.5. Perform Safety and Ground Observer Duties                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7.6. Compressor Wash                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.7.7. Clear Water Rinse                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8. PROPELLER TR 1C-130J-2-61GS-00-1                                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.1. Constructional Features                                             |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 14.8.2. Principles of Propeller Systems Operation<br>TR 1C-130J-2-61GS-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.2.1. Controlling                                                       |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 14.8.2.2. Anti-ice/Deice                                                    |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 14.8.2.3. Indicating                                                        |               |         |                          |          |                  |                  |                    | A                                                                              | -       | -             | -       |
| 14.8.3. Troubleshoot Systems and Components TR 1C-130J-2-61GS-00-1          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.3.1. Controlling                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.3.2. Anti-Ice\Deice                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.3.3. Indicating                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4. Propeller Maintenance                                               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.1. Propeller Assembly TR 1C-130J-2-61JG-00-1                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.1.1. Remove                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.1.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.1.3. Static Balance                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.1.4. Install                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.1.5. Dynamic Balance                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.1.6. Preservation and Storage                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.2. Auxiliary Feather Pump TR 1C-130J-2-61JG-00-1                     |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.2.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.2.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.2.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.3. Over Speed Governor and High Pressure Pump TR 1C-130J-2-61JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.3.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.3.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.3.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.4. Pitch Control Unit (PCU) TR 1C-130J-2-61JG-00-1                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.4.1. Remove                                                          | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.4.2. Inspect                                                         |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.4.3. Install                                                         | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.4.4. Preserve                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.5. PCU Pressure Switch TR 1C-130J-2-61JG-00-1                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.5.1. Remove                                                          |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.5.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.5.3. Install                                                         |               |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -             | -       |
| 14.8.4.6. Magnetic Pulse Unit (MPU) TR 1C-130J-2-61JG-00-1                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 14.8.4.6.1. Remove                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.6.2. Inspect                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.6.3. Install                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 14.8.4.6.4. Adjust                                                          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                                        | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                                        | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 14.8.4.7. Propeller Control Harness TR 1C-130J-2-61JG-00-1             |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.7.1. Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.7.2. Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.7.3. Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.8. Auxiliary Pump Harness TR 1C-130J-2-61JG-00-1                |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.8.1. Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.8.2. Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.8.3. Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.9. Spinner TR 1C-130J-2-61JG-00-1                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.9.1. Remove                                                     | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 14.8.4.9.2. Inspect                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.9.3. Install                                                    | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 14.8.4.10. Beta Tube TR 1C-130J-2-61JG-00-1                            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.10.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 14.8.4.10.2. Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.10.3. Install                                                   | *             |         |                          |          |                  |                  |                    | 2b                                                                             | -       | -          | -       |
| 14.8.4.11. Cylinder Assembly and Piston Seal TR 1C-130J-2-61JG-00-1    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.11.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.11.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.11.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.12. Deicing Timer Unit (DITU) TR 1C-130J-2-30JG-00-1            |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.12.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.12.2. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.12.3. Calibrate                                                 | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.13. Brush Block TR 1C-130J-2-30JG-00-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.13.1. Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.13.2. Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.13.3. Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.13.4. Adjust                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.14. Brush Block Bracket TR 1C-130J-2-61JG-00-1                  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.14.1. Remove                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.14.2. Inspect                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.14.3. Install                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.14.4. Adjust                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.15. Propeller Blade TR 1C-130J-2-61JG-00-1                      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.15.1. Inspect Blades                                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.15.2. Repair Blades                                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.8.4.16. Aircraft Installed Propeller Testing TR 1C-130J-2-61JG-00-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.8.4.16.1. Perform Operational Checks                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.9. TRANSPORTATION EQUIPMENT TR 35D3-3-71-1                          |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.9.1. Inspect Prior to Use                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.9.2. Operate                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.9.3. Maintain                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 14.10 PROPELLER TRANSPORTATION EQUIPMENT                               |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 14.10.1 Inspect Prior to Use                                           |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |
| 14.10.2 Operate                                                        |               |         |                          |          |                  |                  |                    | 1a                                                                             | -       | -          | -       |

|                                                                                                      | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    |  | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--|--------------------------------------------------------------------------------|---------|---------------|---------|
| 1. Tasks, Knowledge and Technical References                                                         | A             | B       | A                        | B        | C                | D                | E                  |  | A                                                                              |         | B             |         |
|                                                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials |  | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                      |               |         |                          |          |                  |                  |                    |  | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 14.10.3 Maintain                                                                                     |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                   |               |         |                          |          |                  |                  |                    |  |                                                                                |         |               |         |
| 14.11.1. Installed Engine Run Certifying Official                                                    |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)                          |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                           |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.4. Flexible Borescope Certifying Official                                                      |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.5. Red X by Primary AFSC (PAFSC) and MDS                                                       |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.6. IPI by PAFSC and MDS                                                                        |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.7. Red-X and/or IPI - Limited                                                                  |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.8. Installed Engine Run by MDS                                                                 |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.9. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.10. Uninstalled Engine Run Certifying Official/ETS by TMS                                      |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.11. Aircraft Inlet/Intake/Exhaust Certification                                                |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.12. Engine Flexible Borescope Inspections                                                      |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.13. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.14. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator      |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |
| 14.11.15. Aircraft APU/GTC/APP Run Certifying Official                                               |               |         |                          |          |                  |                  |                    |  | -                                                                              | -       | -             | -       |

|                                                                                                                                                                          |                                                           | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                                                                                             |                                                           | A             | B       | A                        | B        | C                | D                | E                  | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                                                                                                          |                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 15                                                                                                                                                            |                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| NOTE 1: These items are T700 system-specific tasks.                                                                                                                      |                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                    |                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available. |                                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.1.                                                                                                                                                                    | ENGINE AND RELATED SYSTEMS TR: Applicable Engine TOs      |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.1.1.                                                                                                                                                                  | Operational Fundamentals                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.1.2.                                                                                                                                                                  | Constructional Features                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.                                                                                                                                                                    | PRINCIPLES OF ENGINE SYSTEM OPERATION TR: 2J-T700-16-CD-1 |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.2.1.                                                                                                                                                                  | Mechanical Engine Controls (LDS/PAS)                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.2.                                                                                                                                                                  | Starter                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.3.                                                                                                                                                                  | Ignition                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.4.                                                                                                                                                                  | Oil                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.5.                                                                                                                                                                  | Fuel                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.6.                                                                                                                                                                  | Bleed Air/Anti-Ice                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.7.                                                                                                                                                                  | Variable Guide Vane Actuators and Linkage Systems         |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.2.8.                                                                                                                                                                  | Electrical                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.                                                                                                                                                                    | TROUBLESHOOT SYSTEMS AND COMPONENTS TR: 2J-T700-16-CD-1   |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.3.1.                                                                                                                                                                  | Mechanical Engine Controls (LDS/PAS)                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.2.                                                                                                                                                                  | Starter                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.3.                                                                                                                                                                  | Ignition                                                  |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.4.                                                                                                                                                                  | Oil                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.5.                                                                                                                                                                  | Fuel                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.6.                                                                                                                                                                  | Bleed Air/Anti-Ice                                        |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.7.                                                                                                                                                                  | Variable Guide Vane Actuators and Linkage Systems         |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.3.8.                                                                                                                                                                  | Electrical                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.                                                                                                                                                                    | ENGINE AND RELATED SYSTEMS TR: 2J-T700-16-CD-1            |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.4.1.                                                                                                                                                                  | Engine Plumbing                                           |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.4.1.1.                                                                                                                                                                | Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.1.2.                                                                                                                                                                | Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.1.3.                                                                                                                                                                | Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.2.                                                                                                                                                                  | Power Turbine Module                                      |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.4.2.1.                                                                                                                                                                | Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.2.2.                                                                                                                                                                | Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.2.3.                                                                                                                                                                | Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.3.                                                                                                                                                                  | Accessory Gearbox Module                                  |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.4.3.1.                                                                                                                                                                | Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.3.2.                                                                                                                                                                | Inspect                                                   |               | *       |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.3.3.                                                                                                                                                                | Install                                                   | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |
| 15.4.4.                                                                                                                                                                  | Cold Section Module                                       |               |         |                          |          |                  |                  |                    |                                                                                |            |                    |            |
| 15.4.4.1.                                                                                                                                                                | Remove                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -          | -                  | -          |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |            |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 15.4.4.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.4.3. Repair (Blend)                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.4.4. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.5. Gas Generator Rotor Assembly         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.5.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.5.2. Clean / Flush                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.5.3. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.5.4. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.6. Combustion Liner                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.6.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.6.2. Clean                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.6.3. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.6.4. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.7. 1st Stage Nozzle                     |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.7.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.7.2. Clean                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.7.3. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.7.4. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.8. Outer Balance Piston Seal (OBP)      |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.8.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.8.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.8.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.9. Engine Air Inlet Particle Separator  |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.9.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.9.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.9.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.10. History Recorder                    |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.10.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.10.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.10.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.11. Over-Speed Drain Valve (ODV)        |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.11.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.11.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.11.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.12. Swirl frame                         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.12.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.12.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.12.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.13. Variable Guide Vane Linkage Systems |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.13.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.13.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.13.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.14. Digital Electric Control Unit (DEC) |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.14.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.14.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.14.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.15. Chip Detector                       |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.15.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.15.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.15.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 15.4.16. Np and Tq Over Speed Sensor         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 15.4.16.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |

| 1. Tasks, Knowledge and Technical References | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                              | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                              | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                              |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 15.4.16.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.16.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.17. Starter                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.17.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.17.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.17.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.17.4. Service                           | *             |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.18. Hydro Mechanical Unit (HMU)         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.18.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.18.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.18.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.19. Fuel Pump                           |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.19.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.19.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.19.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.20. Igniter Plug                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.20.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.20.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.20.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.21. Anti-Ice/Start Bleed Valve          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.21.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.21.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.21.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.22. Ignition Exciter                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.22.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.22.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.22.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.23. Oil Pump                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.23.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.23.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.23.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.24. Fuel Injectors                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.24.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.24.2. Clean                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.24.3. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.24.4. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.25. Starter Dropout Switch              |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.25.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.25.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.25.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.26. Alternator                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.26.1. Remove                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.26.2. Inspect                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.26.3. Install                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.27. White Harness                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.27.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.27.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.27.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.28. Yellow Harness                      |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.28.1. Remove                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.28.2. Inspect                           |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.28.3. Install                           | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.29. Blue Harness                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |

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|-----------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                               | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                               | 3 Skill Level |         |                          |          |                  |                  |                    |                                                                                |         | 5 Skill Level |         |
|                                               | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 15.4.29.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.29.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.29.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.30. Green Harness                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.30.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.30.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.30.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.31. Output Shaft and Support Tube        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.31.1. Remove                             | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.31.2. Inspect                            |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.31.3. Install                            | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.31.4. Balance                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.32. Load Demand Spindle (LDS)            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.32.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.32.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.32.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.32.4. Rig                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.33. Power Available Spindle (PAS)        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.33.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.33.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.33.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.33.4. Rig                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.34. Axis B Carbon Seal Kit               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.34.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.34.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.34.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.35. Axis E Carbon Seal Kit               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.35.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.35.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.35.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.36. Axis G Carbon Seal Kit               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.36.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.36.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.36.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.37. #1 Carbon Bearing Seal               |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.37.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.37.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.37.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.38. Oil Scavenge Screens                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.38.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.38.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.38.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.39. B-Sump Check Valve                   |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.39.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.39.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.39.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.40. Axis A Radial Drive Shaft and Covers |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.40.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.40.2. Inspect                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.40.3. Install                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.41. C-Sump Heat Shield and Cover         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.41.1. Remove                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                        | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|---------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                     | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                     | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                     |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 15.4.41.2. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.41.3. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.42. Compressor Case RH Side                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.4.42.1. Remove                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.42.2. Inspect                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.4.42.3. Install                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.5. ENGINE REMOVAL and INSTALLATION on AIRFRAME TR: 1H-60(H)G-2-3 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.5.1. Remove                                                      | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.5.2. Install                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.5.3. Service                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.6. TEST STAND ENGINE TR: TM1-4920-443-10                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.6.1. Remove                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.6.2. Inspect                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.6.3. Install                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7. TEST STAND ENGINE TESTING TR: 2J-T700-16-CD-1                 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.7.1. Perform Pre Operational Checks                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.2. Know and Apply Emergency Procedures                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.3. Inspect and Operate Fire Extinguishers                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.4. Perform Operational Checks of Engine in Test Stand          |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.5. Evaluate Engine Performance                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.6. Perform Post Operational Checks                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.7. Observe Safety and Ground Procedures                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.7.8. Operate, Inspect and Maintain Test Stand                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8. INSTALLED T700 ENGINE TESTING TR: 2J-T700-16-CD-1             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.8.1. Perform Pre Operational Checks                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.2. Know and Apply Emergency Procedures                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.3. Inspect and Operate Fire Extinguisher                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.4. Perform Operational Checks                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.5. Evaluate Engine Performance                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.6. Perform Post Operational Checks                             |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.7. Observe Safety and Ground Procedures                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.8. Operate S-39 Tester                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.9. Operate Engine                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.10. Wash/Rinse Hot Section                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.8.11. Wash/Rinse Cold Section                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.9. TRANSPORTATION EQUIPMENT                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 5.9.1. Inspect Prior to Use                                         | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.9.2. Operate                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 5.9.3. Maintain                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.10. SPECIAL INSPECTIONS                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.10.1. Intake and Exhaust                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.10.2. 50 HR (Engine and APU)                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

| 1. Tasks, Knowledge and Technical References                                                          | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|-------------------------------------------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                                                       | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                                                       | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                                                       |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 15.10.3. 300 HR (Engine and APU)                                                                      |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.10.4. 600 HR Phase                                                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11. SPECIAL CERTIFICATION ROSTER TR: AFI 21-101                                                    |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 15.11.1. Installed Engine Run Certifying Official                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.2. All Systems IPI (no egress, welding, munitions, fuel cell in-tank)                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.3. Aircraft Inlet/Intake/Exhaust Certifying Official                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.4. Flexible Borescope Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.5. Engine Blade Blend Certifying Official                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.6. Red X by Primary AFSC (PAFSC) and MDS                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.7. IPI by PAFSC and MDS                                                                         |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.8. Red-X and/or IPI - Limited                                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.9. Installed Engine Run by MDS                                                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.10. Engine Blade Blending                                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.11. Uninstalled Engine Operator (Engine Test Stand/ETS) by TMS                                  |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.12. Uninstalled Engine Run Certifying Official/ETS by TMS                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.13. Aircraft Inlet/Intake/Exhaust Certification                                                 |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.14. Engine Flexible Borescope Inspections                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.15. Auxiliary Power Unit (APU)/Gas Turbine Compressor GTC)/Auxiliary Power Plant (APP) Operator |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.16. Noise Suppression System (NSS) and ETS Fire Suppression System Control Panel Operator       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 15.11.17. Aircraft APU/GTC/APP Run Certifying Official                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

|                                                                                                                                                                         |                                                                            | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|---------|--------------------------|-------------|---------------------|---------------------|-----------------------|--------------------------------------------------------------------------------|------------|--------------------|------------|
| 1. Tasks, Knowledge and Technical References                                                                                                                            |                                                                            | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |
|                                                                                                                                                                         |                                                                            | 5 Level       | 7 Level | Tng<br>Start             | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course                                                                  | (2)<br>CDC | (1)<br>Course      | (2)<br>CDC |
| ATTACHMENT 16                                                                                                                                                           |                                                                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 1: These items are T400 system-specific tasks.                                                                                                                     |                                                                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 2: Users are responsible for annotating training references to identify current references pending STS revision.                                                   |                                                                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| NOTE 3: Items in column 2 marked with an asterisk (*) identify core tasks. Tasks marked with */R are deferrable for ANG /AFRC until training capability comes available |                                                                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.1                                                                                                                                                                    | ENGINE AND RELATED SYSTEMS<br>TR: Applicable engine TOs                    |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.1.1                                                                                                                                                                  | Operating principles                                                       |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.1.2                                                                                                                                                                  | Constructional features                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.2                                                                                                                                                                    | PRINCIPLES OF ENGINE SYSTEMS<br>OPERATION<br>TR: 2J-T400-6-1               |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.2.1                                                                                                                                                                  | Starter                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.2.2                                                                                                                                                                  | Ignition                                                                   |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.2.3                                                                                                                                                                  | Oil                                                                        |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.2.4                                                                                                                                                                  | Fuel                                                                       |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.2.5                                                                                                                                                                  | Bleed air                                                                  |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.3                                                                                                                                                                    | TROUBLESHOOT SYSTEMS AND<br>COMPONENTS<br>TR: 2J-T400-6-1                  |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.3.1                                                                                                                                                                  | Starter                                                                    | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.3.2                                                                                                                                                                  | Ignition                                                                   | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.3.3                                                                                                                                                                  | Bleed air                                                                  | *             |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.4                                                                                                                                                                    | Test equipment                                                             |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.4.1                                                                                                                                                                  | Bleed Valve Tester                                                         |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5                                                                                                                                                                    | ENGINE MAINTENANCE TR: 00-20-1, 1-1A-8, and applicable aircraft/engine TOs |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.5.1                                                                                                                                                                  | Engine plumbing                                                            |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.5.1.1                                                                                                                                                                | Remove                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.1.2                                                                                                                                                                | Inspect                                                                    |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.1.3                                                                                                                                                                | Install                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.2                                                                                                                                                                  | Fire seals                                                                 |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.5.2.1                                                                                                                                                                | Remove                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.2.2                                                                                                                                                                | Inspect                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.2.3                                                                                                                                                                | Repair                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.2.4                                                                                                                                                                | Install                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.3                                                                                                                                                                  | Power turbine section                                                      |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.5.3.1                                                                                                                                                                | Remove                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.3.2                                                                                                                                                                | Disassemble                                                                |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.3.3                                                                                                                                                                | Inspect                                                                    |               | *       |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.3.4                                                                                                                                                                | Assemble                                                                   |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.3.5                                                                                                                                                                | Install                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.4                                                                                                                                                                  | Fuel nozzles                                                               |               |         |                          |             |                     |                     |                       |                                                                                |            |                    |            |
| 16.5.4.1                                                                                                                                                                | Remove                                                                     |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.4.2                                                                                                                                                                | Clean                                                                      |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.4.3                                                                                                                                                                | Inspect                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
| 16.5.4.4                                                                                                                                                                | Install                                                                    |               |         |                          |             |                     |                     |                       | -                                                                              | -          | -                  | -          |
|                                                                                                                                                                         |                                                                            | 2. Core Tasks |         | 3. Certification For OJT |             |                     |                     |                       | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |            |                    |            |
| 1. Tasks, Knowledge and Technical References                                                                                                                            |                                                                            | A             | B       | A                        | B           | C                   | D                   | E                     | A<br>3 Skill Level                                                             |            | B<br>5 Skill Level |            |

|                                         | 5 Level | 7 Level | Tng<br>Start | Tng<br>Comp | Trainee<br>Initials | Trainer<br>Initials | Certifier<br>Initials | (1)<br>Course | (2)<br>CDC | (1)<br>Course | (2)<br>CDC |
|-----------------------------------------|---------|---------|--------------|-------------|---------------------|---------------------|-----------------------|---------------|------------|---------------|------------|
| 16.5.5 Combustion liner                 |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.5.1 Remove                         |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.5.2 Inspect                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.5.3 Install                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.6 Gas Generator rotor assembly     |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.6.1 Remove                         |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.6.2 Inspect                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.6.3 Install                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.7 Turbine vane ring assembly       |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.7.1 Remove                         |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.7.2 Inspect                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.7.3 Install                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.8 Small exit duct/ large exit duct |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.8.1 Remove                         |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.8.2 Inspect                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.8.3 Install                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.9 Accessory gearbox                |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.9.1 Remove                         |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.9.2 Inspect                        |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.9.3 Install                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.10 Air inlet housing               |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.10.1 Remove                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.10.2 Inspect                       |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.10.3 Install                       |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.11 No. 1 bearing assembly          |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.11.1 Remove                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.11.2 Disassemble                   |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.11.3 Inspect                       |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.11.4 Assemble                      |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.12 Compressor module               |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.12.1 Remove                        |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.12.2 Inspect                       |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.12.3 Install                       |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.13 Gas generator case              |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.13.1 Disassemble                   |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.13.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.13.3 Assemble                      |         |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.14 Fuel pump                       |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.14.1 Remove                        | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.14.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.14.3 Install                       | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.15 Fuel Control (Auto)             |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.15.1 Remove                        | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.15.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.15.3 Install                       | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.16 Fuel Control (Manual)           |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.16.1 Remove                        | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.16.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.16.3 Install                       | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.16.4 Rig Interconnect linkage      | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.17 Oil fuel heater                 |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.17.1 Remove                        | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.17.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.17.3 Install                       | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.18 Chip detector                   |         |         |              |             |                     |                     |                       |               |            |               |            |
| 16.5.18.1 Remove                        | *       |         |              |             |                     |                     |                       | -             | -          | -             | -          |
| 16.5.18.2 Inspect                       |         | *       |              |             |                     |                     |                       | -             | -          | -             | -          |

| 1. Tasks, Knowledge and Technical References                         | 2. Core Tasks |         | 3. Certification For OJT |          |                  |                  |                    | 4. Proficiency Codes Used To Indicate Training/Information Provided (See Note) |         |               |         |
|----------------------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|---------------|---------|
|                                                                      | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B             |         |
|                                                                      | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | 3 Skill Level                                                                  |         | 5 Skill Level |         |
|                                                                      |               |         |                          |          |                  |                  |                    | (1) Course                                                                     | (2) CDC | (1) Course    | (2) CDC |
| 16.5.18.3 Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.19 Oil pressure regulator                                       |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.19.1 Remove                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.19.2 Inspect                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.19.3 Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20 Bleed valve                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.20.1 Remove                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20.2 Disassemble                                                |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20.3 Inspect                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20.4 Assemble                                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20.5 Test                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.20.6 Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.21 NF governor                                                  |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.21.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.21.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.21.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.21.4 Governor Rigging                                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.22 Torque control unit                                          |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.22.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.22.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.22.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.23 Combining Gearbox                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.23.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.23.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.23.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.24 Oil cooler blower                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.24.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.24.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.24.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.25 Starter/Generator                                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.25.1 Remove                                                     | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.25.2 Inspect                                                    |               | *       |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.25.3 Install                                                    | *             |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.26 Tachometer Generator                                         |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.26.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.26.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.26.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.27 Oil pressure differential switch                             |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.27.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.27.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.27.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.28 Oil pressure switches                                        |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.5.28.1 Remove                                                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.28.2 Inspect                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.5.28.3 Install                                                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.6 ENGINE REMOVAL AND INSTALLATION IN AIRFRAME<br>TR: 1H-1(U)N-2-1 |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.6.1 Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.6.2 Install                                                       |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.6.3 Engine servicing                                              |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.6.4 Rig engine control linkages                                   |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |
| 16.7 TEST STAND ENGINE<br>TR: 2J-T400-6-1                            |               |         |                          |          |                  |                  |                    |                                                                                |         |               |         |
| 16.7.1 Remove                                                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -             | -       |

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|-----------------------------------------------------------|---------------|---------|--------------------------|----------|------------------|------------------|--------------------|--------------------------------------------------------------------------------|---------|------------|---------|
|                                                           | A             | B       | A                        | B        | C                | D                | E                  | A                                                                              |         | B          |         |
|                                                           | 3 Skill Level |         | 5 Skill Level            |          |                  |                  |                    | (1) Course                                                                     |         | (2) CDC    |         |
|                                                           | 5 Level       | 7 Level | Tng Start                | Tng Comp | Trainee Initials | Trainer Initials | Certifier Initials | (1) Course                                                                     | (2) CDC | (1) Course | (2) CDC |
| 16.7.2 Inspect                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.7.3 Install                                            |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8 TEST STAND ENGINE TESTING<br>TR: 2J-T400-6-1         |               |         |                          |          |                  |                  |                    |                                                                                |         |            |         |
| 16.8.1 Perform pre-operational checks                     |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.2 Perform operational checks of engine in test stand |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.3 Evaluate engine performance                        |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.4 Adjust engine components                           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.5 Perform post-operational checks                    |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.6 Observe safety and ground procedures               |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |
| 16.8.7 Operate, inspect and maintain test stand           |               |         |                          |          |                  |                  |                    | -                                                                              | -       | -          | -       |