

#7



Closed 1-27-2020

LOG # 17

**AIRFRAME
MAINTENANCE
RECORDS**

Registration No. N414PF
Serial No. 414A0012



AIRFRAME MAINTENANCE RECORDS

Log No. 7

Aircraft Registration No. N414PF

Model CESSNA 414A

Serial No. 414A0012

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708





254/752-8381



FAX 254-752-3307

1-800-445-9713

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com</p> <p>10/27/2011 N414PF Cessna 414A S/N: 414A0012 HM: 1398.2</p> <p>AIRFRAME: Removed Concorde battery P/n: RG24-20 S/n: 40336040 . Battery installed on 02/26/2010 @ H.M: 1189.7. Installed Concorde battery P/n: RG24-20 S/n: 40466519 in accordance with Concord Owner/Operator Manual P/n: Drawing: 5-0164 Rev. B dated 09-09-2005. Instructions for Continued Airworthiness Maintenance Manual Supplement P/n: Drawing: 5-0142 Rev. J dated 02-20-2007 provided. Ground run accomplished, charging system op's check satisfactory. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.</p> <p> Ameer F Mohamed A&P 3270645</p> </div>				
<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com</p> <p>07-18-2012 N414PF Cessna 414A S/N: 414A0012 H.M: 1458.9</p> <p>AIRFRAME: Serviced tire pressures with nitrogen. Rotated right MLG tire on wheel assy. Magnetic compass leaking, removed, disassembled, cleaned and reassembled with new seals C21KF kit, serviced compass. Serviced nose strut with nitrogen. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.</p> <p> Ameer F Mohamed A&P 3270645</p> </div>				
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

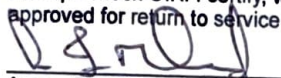
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com</p> </div> <p>01-01-2012 N414PF Cessna 414A S/N: 414A0012 ACTT: 6466.1 H.M: 1411.1</p> <p>AIRFRAME: Checked required placard decals and ARROWE documents. Checked TCDS A7CE. ELT batteries next due replacement 09-20-2016. FAR 91.411 & 91.413 next due 09-2012. Weighed fire extinguisher 4 lbs 9 ozs (4 lbs 14 +/- 4 ozs). Air Conditioner hydraulic filter element next due @ ACTT: 6572.8. Emergency gear blow-down bottle hydro test next due 09-2014. Oxygen cylinder hydro test next due 09-2012. Pressure cabin Type A insp next due @ ACTT: 7372.8. Pressure cabin Type B insp next due @ ACTT: 9772.8. Pressure cabin Type C insp next due @ ACTT: 13,000. Cabin door surface eddy current insp next due @ ACTT: 9772.8. AD's researched through FAA Issue 2011-26. Complied with: AD 05-12-13 lower wing spar caps due @ ACTT: 8500.0. AD 97-26-16, engine mount beam due @ ACTT: 12,766.7. Nose gear trunnion Pivot Bearing insp next due @ ACTT: 7172.8, or 09-2012. MLG trunnion bearing insp next due @ ACTT: 7172.8 or 09-2012. Nose gear brace insp next due @ ACTT: 6572.8. All three trim actuators OH next due @ ACTT: 7172.8 or 09-2012. Engine Fire bottle cartridge next due @ 06-2019. Engine Fire bottles next due for hydro testing 09-2014. AD 95-09-13, fuel tank inlet float valve due @ ACTT: 6954.7. AD 04-25-16 R1 fuel regulator shut-off IAW SB A107A next due ACTT: 6566 or 01-2013 whichever occurs first. AD 04-21-05 cabin heater and air pressure switch next due 01-2014.</p>				
<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com</p> </div> <p>Replaced both hydraulic filters P/n: AN6235-2A. Cleaned and resealed fuel bowl, seals P/n: 600-001-625 & N674-70-151. Serviced A/C hydraulic reservoir, landing gear hydraulic reservoir, tire pressures and put battery on charge. Replaced both vacuum regulator filters P/n: RAB3-5-1. Performed landing gear retraction and extension tests. Lubricated IAW lubrication chart. Test landing gear blow down bottle O.K. Reset valve and serviced with nitrogen, Bottle tested with outlet lines disconnected. Cleaned and repacked all wheel bearings. Cleaned right induction air filter (left new). Removed left engine TSIO-520-NB S/n: 509670 and replaced with RAM OH engine TSIO-520-NB S/n: 290597-R TTSN: 1808.6 TTSMOH: 0.0. Removed both propellers and governors for overhaul. Reinstalled after overhaul, see propeller entries. Re-glued carpeting on bottom of cabin entry steps. Removed inop parking brake valve, disassembled, cleaned, resealed and re-assembled. Re-installed and bleed both brake systems & serviced reservoirs. Repaired damage to left firewall with stainless steel patch and Monel rivets, CS1900 sealant. Several spots on airframe paint touch up. I certify this AIRCRAFT has been inspected in accordance with a 100 hour/ANNUAL INSPECTION within the scope & detail of FAR 43 App D and was determined to be in AIRWORTHY CONDITION.</p> <p><i>[Signature]</i> Ameer F Mohamed A&P 3270645 IA</p>				
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ASSC 
Aviation Specialty Services Corp.
 Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com
08-16-2012 N414PF CESSNA 414A S/N: 414A0012 H.M: 1491.6

AIRFRAME:

Left tachometer inop. Removed tach generator P/n: 22A667 S/n: 20456 due to sheered shaft. Replaced with OH'd generator P/n: 22A667 S/n: 74816. Generator OH'd by Quality Aircraft Accessories Inc. (CRS#: QYIR334Y) under Inv #: 128219 dated 09/29/2011. Ground run, leak and ops check O.K. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.



Ameer F Mohamed
A&P 3270645

ASSC 
Aviation Specialty Services Corp.
 Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com
11-01-2012 N414PF CESSNA 414A S/N: 414A0012 H.M: 1502.5

AIRFRAME:

Left propeller cable stiff. Found cable to be defective. Removed left side of interior (seats, side table, divider), carpet and floorboards. Removed left cowl, inspection panels and cabin pressurization heat exchanger. Removed cable by removing hold-down blocks and pressurization sealant at cabin sidewall. Replaced cable with new P/n: 9910396-5. Routed and installed cable. Secured cable and re-sealed cabin where cable passes through. Sealant P/n: AMSS8802B2C. Rigged cable and ops tested O.K. Closed up all exterior and interior removed for access. Serviced tire pressures with nitrogen. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.



Ameer F Mohamed
A&P 3270645

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**AIRFRAME:**

Replaced right worn out tire with new Goodyear Flight Custom III P/n: 043-066 S/n: 20562316. Cleaned and repacked wheel bearings. Inspected brake linings O.K. Serviced tire pressures with nitrogen. Left landing light inop. Replaced lamp with new P/n: GE4553. Light still inop. Troubleshoot and found damaged wire. Repaired and ops tested O.K. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.

[Signature]
 Ameer F Mohamed
 A&P 3270645



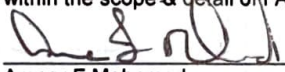
**AIRFRAME:**

Checked TCDS # A7CE. Checked required placards decals and ARROWE documents. ELT inspected IAW FAR 91.207(d). Batteries next due replacement 09-2016. FAR 91.411 & 91.413 next due 02-2015. Weighed fire extinguisher (4 lbs 14 ozs +/- 4 ozs, actual weight 4 lbs 9 ozs). Air condition hydraulic filter element next due @ ACTT: 6685. Emergency gear blow-down bottle hydrostatic test next due 09-2014. Pressure cabin Type A inspection next due @ ACTT: 7372.8. Pressure cabin Type B inspection next due @ ACTT: 9772.8. Pressure cabin Type C inspection due at ACTT: 13,000. Cabin door hinges surface eddy current inspection next due @ ACTT: 9772.8. AD's researched through FAA Issue 2013-03. Complied with: AD 84-26-02, induction air inlet filters by cleaning filters. AD 05-12-13, lower wing spar caps due @ ACTT: 8500.0. AD 97-26-16, engine mount beam due @ ACTT: 12,766.7. Engine fire bottle cartridges next due @ 06-2019. AD 95-09-13, fuel tank inlet float valve due @ ACTT: 6954.7. AD 12-23-01, flap pre-select control cable NA STC#: SA892NW not installed. AD 04-25-16 R1, fuel regulator shut-off valve IAW Kelly AeroSpace Power Systems SB A-107A. AD 04-21-05, cabin heater and air pressure switch next due 01-2014. Ops tested O.K. Removed oxygen bottle and regulator for hydrostatic testing. Re-installed after inspection. Next due 03/2018. Leak tested fittings O.K. Aileron roll trim indicator inop. Troubleshoot and found indicator out of groove. Re-installed and ops tested O.K. Had paint touch up to several areas around airframe.

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				<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel:954-816-7399 Fax:954-792-2516 afmohamed@hotmail.com</p> </div> <p>Replaced 2 rusty Will-Keep buttons on bottom of wings at flap bellcranks. Repaired broken wire to warning buzzer installed on instrument glareshield. Cleaned debris out of both evaporators. Cleaned all passenger seat tracks. Replaced both hydraulic filter elements P/n: AN6235-2A. Clean and reseal fuel bowls new seals P/n: 600-001-625. Serviced brake reservoirs, A/C hydraulic reservoir, landing gear hydraulic reservoir, tire pressures and put battery on charge. Clean and repack all wheel bearings. Replaced both vacuum regulator filter P/n: RAB3-5-1. Replaced instrument suction air filter element with new P/n: AM103435IA. Lubricated IAW M.M. lubrication chart. Performed landing gear retraction extension and emergency extension tests. Tested landing gear blow down bottle O.K. Reset valve and serviced with nitrogen. Bottle tested with outlet line disconnected. Right strobe light inop, troubleshoot and found power supply inop. Replaced with new Wheelen P/n: 01-0790101-00. Fabricated new adapter base and mounted. Topped off magnetic compass fluid and installed new compass deviation card. Air condition system needs servicing with R-12 refrigerant. Converted system to R-134a refrigerant by installing high and low service ports beside co-pilot's seat, flushing system, servicing compressor with compatible oil and charging with R-134a refrigerant. Prior to charging system was pressurized with nitrogen to check for leaks. No leaks noted and then vacuumed system. Replaced all brake linings with new P/n: 066-06600 and replaced broken right brake shim with serviceable shim. Replaced damaged left de-ice light lamp with new P/n: GE1385. Paralled both alternator systems. Propeller de-ice system trips C/B. Troubleshoot and found timer inop. Replaced timer with new P/n: P072575-02 S/n: 95/10/2780. Ops tested O.K. Pilot's VSI not operating properly. Swapped co-pilot's VSI with pilot's. Ops tested O.K. on pitot/static inspection.</p> <p style="text-align: right;">CONTINUED</p>
				<div style="text-align: center;">  <p>ASSC Aviation Specialty Services Corp. Tel:954-816-7399 Fax:954-792-2516 afmohamed@hotmail.com</p> </div> <p>I certify this AIRCRAFT has been inspected in accordance with a 100 hour/ANNUAL INSPECTION within the scope & detail of FAR 43 App D and was determined to be in AIRWORTHY CONDITION.</p> <p> Ameer F Mohamed A&P 3270645 IA</p>
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

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Aviation Specialty Services Corp.

Tel:954-816-7399 Fax:954-792-2516 afmohamed@hotmail.com

06-25-2013 N414PF Cessna 414A S/N: 414A0012 ACTT: 6640.9 H.M: 1554.7

AIRFRAME:

Serviced all three tire pressures with nitrogen. Right landing light stuck in the extended position. Removed light assy and opened up. Found several plastic gears on the inside damaged. Manually retracted light and re-installed assy for flight. Secured wires. Clean both MLG doors. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.

[Signature]

Ameer F. Mohamed
AP3270645



Aviation Specialty Services Corp.

Tel:954-816-7399 Fax:954-792-2516 afmohamed@hotmail.com

03-13-2014 N414PF Cessna 414A S/N: 414A0012 ACTT: 6,693.6 H.M: 1,638.6

AIRFRAME:

Checked TCDS # A7CE. Checked required placards decals and ARROWE documents. ELT inspected IAW FAR 91.207(d). Batteries next due replacement 09-2016. FAR 91.411 & 91.413 next due 02-2015. Weighed fire extinguisher (4 lbs 14 ozs +/- 4 ozs, actual weight 4 lbs 10 ozs). Emergency gear blow-down bottle hydrostatic test next due 02-2019. Pressure cabin Type A inspection next due @ ACTT: 7372.8. Pressure cabin Type B inspection next due @ ACTT: 9772.8. Pressure cabin Type C inspection due at ACTT: 13,000. Cabin door hinges surface Eddy current inspection next due @ ACTT: 9772.8. AD's researched through FAA Issue 2014-05. Complied with: AD 84-26-02, induction air inlet filters by replacing with 2 new P/n: P12-8156. AD 05-12-13, lower wing spar caps due @ ACTT: 8500.0. AD 97-26-16, engine mount beam due @ ACTT: 12,766.7. Engine fire bottle cartridges next due @ 06-2019. Engine fire bottles next due hydrostatic testing 02/2019. AD 95-09-13, fuel tank inlet float valve due @ ACTT: 6954.7. AD 04-25-16 R1, fuel regulator shut-off valve IAW Kelly AeroSpace Power Systems SB A-107A. Next due 03/15. AD 04-21-05, cabin heater and air pressure switch next due 03/16 or heater H.M: 1,311.2. Ops tested O.K (Model: B4050 P/n: 02E17-1 S/n: 6771916 H.M: 1,211.2). Oxygen bottle next due 03/2018. Serviced oxygen bottle to full. Replaced both hydraulic filter elements P/n: AN6235-2A. Clean and reseal fuel bowls new seals P/n: 600-001-625. Serviced brake reservoirs, A/C hydraulic reservoir, landing gear hydraulic reservoir, tire pressures and put battery on charge. Clean and repack all wheel bearings. Replaced both vacuum regulator filter P/n: RAB3-5-1. Lubricated IAW M.M. lubrication chart. Performed landing gear retraction extension and emergency extension tests. Tested landing gear blow down bottle O.K. with outlet line removed. Reset valve and serviced with nitrogen.

CONTINUED



Aviation Specialty Services Corp.

Tel:954-816-7399 Fax:954-792-2516 afmohamed@hotmail.com


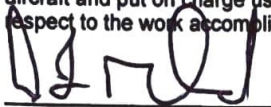

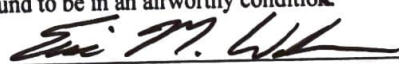
Removed both landing lights P/n: 45-0148-9 S/n: 64841(R/H) -10 S/n: ALL-4163 (L/H). Lights repaired by AeroSpace Turbine Rotables Inc. (CRS#: NV2R045L) under WO#s: WO50800 and WO50801 dated 03/06/14. Re-install after repair and ops tested O.K. Remove both engine fire bottles P/n: 301111102 S/n: 01426A1 (L/H) S/n: R1290 (R/H) for OH. Both bottles OH'd by AeroSpace Turbine Rotables Inc. (CRS#: NV2R045L) under WO#s: WO50805 and WO50803 dated 03/03/14. Re-installed after OH. Removed landing gear blow-down bottle for inspection. Bottle inspected by AeroSpace Turbine Rotables Inc. (CRS#: NV2R045L) under WO#: WO50807 dated 03/03/14. Re-install after inspection and serviced with nitrogen. Removed right forward fuel drain, cleaned out debris and re-installed. Leak tested O.K. Removed nose landing gear strut, cleaned, re-sealed, re-installed and serviced with MIL-H-5606 fluid and nitrogen. Left cabin pressurization heat air valve inop. Found cable damaged. Replaced cable with new P/n: 5117239-61, rigged and re-install left heat exchanger. Reseal both fuel caps with new o-ring P/n: MS29513-338. I certify this AIRCRAFT has been inspected in accordance with a 100 Hour/ANNUAL INSPECTION within the scope & detail of FAR 43 App D and was determined to be in AIRWORTHY CONDITION.

[Signature]

Ameer F Mohamed
A&P 3270645 IA

07-26-16

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
 ASSC Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-792-2516 afmohamed@hotmail.com 04-24-2014 N414PF Cessna 414A S/N: 414A0012 ACTT: 6,744.2 H.M: 1,658.0				
AIRFRAME: Removed right engine fire extinguisher bottle @ KFXE to send out for warrantee repair by AeroSpace Turbine Rotables Inc. Reinstalled repaired unit P/n: 30111102 S/n: R1290 and ops tested O.K. Unit repaired by AeroSpace Turbine Rotables Inc. (CRS#: NV2R045L) under WO#: WO53132 dated 04/18/2014. Troubleshoot left CHT probe @ KFXE. Found probe to be inop. Replaced probe with new P/n: 102-00007 S/n: 41643. Ground run and ops tested O.K. Replaced landing gear hydraulic reservoir sight tube with new. Performed weight and balance on aircraft serviced landing gear blow down bottle with nitrogen. #6 forward facing passenger seat drawer stuck closed. Freed up rollers on track and ops tested O.K. Customer squawked that aircraft battery completely drained. Tried to charge battery with shop charger. Removed battery from aircraft and put on charge using BatteryMinder. Re-installed and ops tested O.K. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.				
 Ameer F. Mohamed AP3270645				
 Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017				
ACTT: 6772.2				
Tail No.: N414PF Date: 07/10/2014 Hobbs: 1686.0				
Completed an Annual Inspection on this Airframe. C/W FAR 91.207(d), ELT inspection, battery next due 9-2016. Serviced brake reservoirs with 5606. Lubed aircraft IAW lube chart. Cleaned L&R fuel strainers and installed new seals. Serviced and charged aircraft battery. Serviced wheel bearings with grease. Replaced L&R vacuum regulator filters with new RAB3-5-1. Performed Fire extinguisher weight check: 4lbs 11oz. Serviced A/C hydraulic reservoir. Performed landing gear extension and retraction checks. Service landing gear reservoir with 5606. Serviced tires. Cleaned fuel screens at controllers. Safety wired engine cowl door hinge pins. Removed and replaced left nav light with new 7512-24. Prepped and shined de-ice boots. Repaired cabin door stairs and rigged. Installed serviceable fuel line at left shutoff valve to fuel strainer assembly P/N: 5600109-33. Installed new o-ring and painted left fuel cap. C/W AD2004-25-16R1 Fuel regulator shutoff valve IAW SBA-107A, no defects noted. C/W AD2000-01-16 Par (b,c,d,e) on L&R engines, no defects noted. I certify that this airframe has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.				
 Eric M. Wilson AP3063927IA				
SUB-TOTALS this page TOTALS—Carry forward to next page				

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AVIONICS LOG BOOK ENTRY
N 414PF **TIME** 1693.6 Hobbs Time **DATE** 8-12-2014

IFR Certification Due.

During testing of the Altimeter and Static system, it was found that the Pilot Altimeter was out of allowable tolerance and the Copilot VSI was inoperative. Removed Pilot Altimeter; Model: Aerosonic EA-801A, PN: 43300-6128, SN: 2899 and replaced with OH/Exch. Pilots Altimeter; Model: Aerosonic EA-801A, PN: 43300-6128, SN: 2899. Removed VSI; PN: C661009-0101, SN: 5084 and replaced with OH/Exch. VSI; PN: C661009-0101, SN: W6426G. Tested Copilots Altimeter; Model: , PN: , SN: to ft I.A.W. FAR Part 43 App. E(b). Tested Static System to comply with FAR Part 43 App. E(a). Tested #1 Transponder; Model: , SN: and #2 Transponder; Model: , SN: to ft to comply with FAR Part 43 App. F. Tested Altitude

*** Page 1 of 3 ***
Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: _____

Work Order: 4096

Premier Avionics, LLC 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B

AVIONICS LOG BOOK ENTRY
N 414PF **TIME** 1693.6 Hobbs Time **DATE** 8-12-2014

Reporting System; Model: , SN: to ft to comply with FAR Part 43 App. E(c). The above was done in compliance with FAR Parts 91.411 and 91.413.

HSI slaving is bad and HSI drifts.

Verified problem in the aircraft. Troubleshoot to bad HSI. Removed HSI; PN: 52D137-2331, SN: I-6907B and replaced with OH/Exch. HSI; PN: 52D137-2331, SN: I-10496C. Replaced left and right vacuum filters and central vacuum filter as required. Ramp checked operation and found system to operate correctly.

Prop Sync light is inop.

Found that light bulb was bad. Replaced bulb and ramp checked operation. System was found to operate correctly.

*** Page 2 of 3 ***
Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: _____

Work Order: 4096

Premier Avionics, LLC 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B

Airborne**Air Filter Change Reminder**

Changed at: 1693.6 Hrs. Next Change: 1793.6 Hrs.
8-12-14 Date 8-12-15

Parker

SI300-21 July 2002

Airborne**Air Filter Change Reminder**

Changed at: 1693.6 Hrs. Next Change: 1793.6 Hrs.
8-12-14 Date 8-12-15

Parker

SI300-21 July 2002

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AVIONICS LOG BOOK ENTRY

N 414PF **TIME** 1693.6 Hobbs Time **DATE** 8-12-2014

EGT and CHT's are not reading correctly.

Troubleshoot and found that multiple probes, connectors and harness were bad. Replaced as necessary and ramp checked operation. System was found to operate correctly.

Removed inoperative ARGUS 5000 Indicator and rack. Capped wiring as necessary and updated weight and balance information to reflect the removal.

*** Page 3 of 3 ***

Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: [Signature] **Work Order:** 4096

Premier Avionics, LLC 11007 W. Perimeter Road • Fort Wayne, IN 46809 • Tel: 888-496-8101 • Fax: 260-747-3540 • CRS: 7PMR634B

Premier Avionics, LLC

N: 414 PF

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

COPILOT ALTIMETER

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL	1005	0	505	1000	1505	3000	3005	3995	40	5990	7985	9980	11980	13915	15905	17905
FRICTION																
TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL ± FT.	18	20	22	25	30	35	40	45	50	50	75	100	125	150	175	200
ACTUAL	17965	19965	21970	23975	25980	27985	29990	31995	33995	35995	37995	39995	41995	43995	45995	47995
FRICTION																
BARO. SCALE ERROR (TOL ± 25 FT.)																
TOL ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90
ACTUAL	17965	19965	21970	23975	25980	27985	29990	31995	33995	35995	37995	39995	41995	43995	45995	47995
FRICTION																
HYSTERESIS (TOL. ± 75 FT.)																
50% MAX.																
40% MAX.																
AFTER EFFECT (TOL. 30 FT.):																
CASE LEAK:																

ALTIMETER MAKE UNITED

BLIND ENCODER ACK

TRANSPONDER NAME CRESSO A

MODEL 5934 PA-3

MODEL A-30

MODEL RT-859A

S/N A04246

S/N 124981

S/N 634

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 25,000 FT. TO COMPLY WITH FAR 91.411.

CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.

CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.

CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.



This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 8-12-14 Tech. ELF W.O. 4096 Signed [Signature]

PREMIER AVIONICS, LLC. • CRS# 7PMR634B • PH: (260) 747-4810 • 11007 W. PERIMETER ROAD • FORT WAYNE, INDIANA 46809

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				 <p>Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N414PF Date: 09/12/2014 Tach: 1701.1 Removed It landing light assembly. Sent assembly to Aerospace Turbine Rotables Inc for repair. See w/o#59142 for details. Reinstalled landing light assembly. Op's check ok.</p> <p><i>S Keith Givens</i> S Keith Givens AP304847863IA</p>
				 <p>Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N414PF Date: 12/23/2014 Tach: 1729.7 Replaced right main tire p/n Goodyear Flight Custom III 6.50-10-8ply and tube p/n Michelin Leak Guard 6.50-10.</p> <p><i>S Keith Givens</i> S Keith Givens AP304847863IA</p>
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

ATLANTIC AVIATION FAA APPROVED REPAIR STATION BLBR505C

LOG BOOK ENTRY / MAINTENANCE ACTIONS N414PF W/O FWA15-820 DATE 03-04-15
 AIRCRAFT MODEL SER.NO. TACH ACFT.TT CYCLES
 CESSNA 414A 414A-0012 1785.7 6871.9

DATE

Completed the following maintenance:

-INSTALLED NEW WING ANTI-ICE TIMER (P#:9910285-1; S#on: 4373) ops checks good.
 -C/W AD 2000-01-16R1 PAR(b) VISUAL INSP. OF LEFT & RIGHT ENGINE EXHAUST SYSTEMS
 NO DEFECTS NOTED AT THIS TIME - INSP. NEXT DUE @ HOBBS 1835.7 OR APR 04,2015.
 The A/C, engine or component identified above was repaired and inspected IAW
 aircraft M/M and current FAA regulations and is airworthy with respect to work
 performed. Aircraft returned to service. END.

Date: 03-04-15

Signed *[Signature]* for
 (Signature) of authorized individual
 ATLANTIC AVIATION 11007 West Perimeter Rd.
 FORT WAYNE, INDIANA 46809
 F.A.A. REPAIR STATION BLBR505C

3-6-15

TACH 1786.7

Replaced RT ENG VACUUM Pump w/ O/H'ED UNIT P# 442CW
 S# on 160981, S# on N43079

[Signature] (ATLANTIC AVIATION FWA)
 CR# BLBR505C



Anderson Aircraft Services
 282 Airport Rd
 Anderson, IN 46017

Tail No.: N414PF

Date: 03/31/2015 Tach: 1816.2

Replaced seals in nose strut. Serviced with 5606 and air. Leak check ok. All
 work done I/A/W manufacturers maintenance manual.

[Signature]
 S Keith Givens

AP304847863IA

SERVICEABLE

FAA CERTIFICATED REPAIR STATION
 AJVR 135C

DATE 3-23-15
 TECHNICIAN *[Signature]*
 INSPECTOR *[Signature]*

The Article identified above was repaired or Bench Tested and
 inspected in accordance with Federal Aviation Regulations and
 was found airworthy for return to service. Pertinent details of
 the repair are on file at this agency under above Work Order No.




☒ BENCH TEST☒ REPAIR

CUSTOMER *PRIMEER AIRWAYS*
 P.O. NO. _____
 W.O. # *A-02968* MODEL *K1N908*
 MFG. *BENDIX* SER# *27633*
 PART NO. *066-04031* *01122*
 COMPONENT *CD5*
 REMARKS _____

5201 NORTH WALNUT
 MUNCEIE, IN 47308



Muncie Aviation
 Company
 765-289-7141

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				 <p>Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N414PF Date: 07/16/2015 Tach: 1831.5</p> <p>Performed an annual inspection on this airframe. C/W FAR91.207d par.1-4 ELT inspection, op's check ok. Battery next due 9-2016. Serviced brake reservoirs with 5606. Lubed aircraft I/A/W lubrication chart. Cleaned left and right fuel strainers. Serviced and charged aircraft battery. Packed wheel bearings. Replaced left and right vac reg filters. Performed landing gear retraction and extension checks. Serviced hydraulic reservoir with 5606. Replaced left main tire p/n Goodyear Flight Custom III 6.50-10 8 ply and tube p/n Leak Guard 6.50-10. Repaired left nav light wiring. C/W AD2004-25-16R1 Fuel regulator shutoff valve I/A/W/ SBA-107A, no defects noted. C/W AD2000-01-16 exhaust inspection on left and right engines, no defects noted. I certify that this airframe has been inspected I/A/W an annual inspection and has been found to be in airworthy condition at this time.</p> <p><i>S Keith Givens</i> S Keith Givens AP304847863IA</p>
				 <p>Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N414PF Date: 12/02/2015 Tach: 1894.5</p> <p>Installed RAM hub caps on main wheels I/A/W STC#A7CE and RAM drawing #2872, Rev. IR. Form 337 on file</p> <p><i>S Keith Givens</i> S Keith Givens AP304847863IA</p>
				 <p>Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N414PF Date: 12/14/2015 Tach: 1898.2</p> <p>Replaced nose tire p/n Goodyear flight custom III 6.00-6-6ply and tube p/n leak guard 6.00-6.</p> <p><i>S Keith Givens</i> S Keith Givens AP304847863IA</p>
				TOTALS —Carry forward to next page

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TOTALS—Carry forward to next page

TOTALS—Carry forward to next page

INDY Jet

Phone: 317-335-3371
Fax: 317-335-2073

Aircraft Registration: N414PF		Date: 12/29/2016	Hobbs: 2079.90		AFTT: 7166.10
-------------------------------	--	------------------	----------------	--	---------------

Opened and closed necessary panels for pre-purchase evaluation. C/W AD2000-01-16 on right engine part g by removing and sending exhaust out for Inspection/overhaul and repair. See Dawley Aviation (NJ5R069N) work order #115067 for further details. Replaced L&R Clip assemblies w/ new 5650204-21 & 5650204-18, L&R Elbow Brackets 5650119-3 & 5650119-4, exhaust gaskets RA628260 & 2570-1, and clamps as necessary 2265-210-SH, 2267-262, 2266C050-240-M. AD2000-01-16 compliance times next due: left engine: b) H: 2108.7, c) 8/2017, d) H: 2186.0, e) 8/2017, f) N/A no multi segment V-band clamps installed. g) H: 3911.1 or 1/2024. Left engine paragraph (g) was found to be previously complied with at 1/1/2012 Hobbs: 1411.1. All necessary components were found to be inspected, overhauled, or repaired at this time. Right engine compliance times next due: b) H: 2108.7, c) 8/2017, d) H: 2186.0, e) 8/2017, f) N/A no multisegment V-band clamps installed. g) H: 4579.9 or 12/2028. Removed and repalced left & right engine exhaust springs and hardware as necessary per AD2000-01-16 specifications. Removed and replaced right engine/prop brush block assembly with new C-40179. Installed with 063+-0.015 Clearance & 2 degree perpendicular angle. Checked clearance gap throughout propeller rotation: satisfactory. Ops check of propeller de-ice good. Removed and replaced fwd upper & fwd lower Cabin door receptacles and lock plates with serviceable units 5111626-1 & 511625-2. Checked rigging of door seal air switch and door warning switch. Ops check good. Removed and replaced right wing de-ice check valve with new 340600-1. Patched 3 holes in left wing de-ice boot using Patch kit 74-451-AA. Ops check of de-ice system good. Removed and replaced pilot emergency oxygen mask with new C166009-0801. Ops check of oxygen system good. Removed and replaced nose gear trunnion uplock bracket hardware with new. Removed right elevator. Fay sealed and installed skin patch at pre-existing stop drilled cracks in forward skin rivet row. Repair accomplished using Cessna 414 Service Manual Structural Repair Manual 16-3 and Figure 16-57. Painted patch & Primed interior and exterior inboard of elevator torque tube. Checked balance of elevator: within limits +.4 (+.75 to -.2.0). Installed IAW AMM 6-4. All work accomplished using Cessna 414A Maintenance Manual as a guide. This airframe is approved for return to serviced with respect to work performed at this time.

Eric M. Wilson

E. J. Wil

AP3063927

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ALTIMETER/STATIC SYSTEM/TRANSPONDER TESTS and INSPECTIONS IJA Form 11 Rev. B				
AIRCRAFT MAKE:	Cessna	REGISTRATION:	N414PF	
AIRCRAFT MODEL:	414A	A/C HOURS:	2079.9	
AIRCRAFT S/N:	414A0012	WORK ORDER:	AV653	
I certify that the Altimeter and static system tests and inspections, as required by FAR 91.411, and in accordance with FAR 43, Appendix E, have been performed.				
Pilot P/N:	4300-6128	S/N: 2402	TESTED: 30,000FT Date:	
CoPilot P/N:	5934PA-3	S/N: 404246	TESTED: 30,000FT Date:	
Encoder #1:	A-30	S/N: 124981	TESTED: 30,000FT Date:	
Encoder #2:	N/A	S/N: N/A	TESTED: 30,000FT Date:	
I certify that the ATC Transponder tests and inspections, as required by FAR 91.413, and in accordance with FAR 43 Appendix F, have been performed.				
TRANSPONDER #1	GTx 327	S/N	83708183	
TRANSPONDER #2	RT-859A	S/N	634	
The aircraft, or component(s) identified above was repaired/installed and inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service only for work performed. Details of the work are on file at this repair station under W.O AV653 on				
Signature: <u><i>R.D. Henderson</i></u>			Date: 12-14-16	
			Date: 12-20-2016	
INDY Jet AVIONICS		3867 Aviation Way	GREENFIELD, IN 46140	
FAA CRS # 1JIR829B			317-335-3404	

INDY Jet AVIONICS

IJA Form 10 Rev. A

Aircraft Make:	Cessna	Aircraft Registration:	N414PF
Aircraft Model:	414A	Hours:	2079.9
Aircraft Serial Number:	414A0012	Work Order:	AV653

Found Airspeed Indicator with internal leak. Removed and repaired indicator W/O I12001 cert M71R960J.
System checks satisfactory at this time IAW Cessna 414A AMM # D778-34-13 Ch. 12

The aircraft, or component(s) identified above was repaired/installed and inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for returned to service only for work performed. Details of the work are on file at this repair station under W.O. # AV653 on date: 12-14-16

Signature: *R.D. Henderson* Date: 12/22/16
INDY JET AVIONICS 3867 Aviation Way GREENFIELD, IN 46140
FAA CRS # 1JIR829B 317-335-3404

INDY Jet




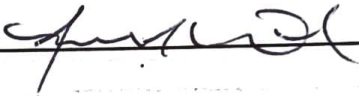
 3867 Aviation Way
Greenfield, IN 46140

 Phone: 317-335-3371
Fax: 317-335-2073




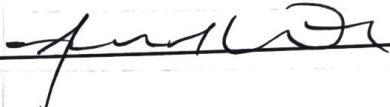

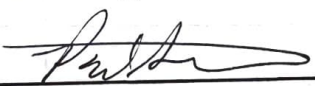

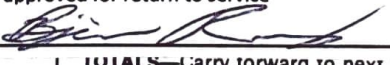
Date:	Hobbs:	Tach:	AFTT:
5.19.17	2169.30		
Aircraft Registration: N414PF			
Replaced LH Deice light with new PN 1385. Repaired broken wire by splicing in two feet of new wire and added two terminals, re-installed taxi light. Both lights, ops check satisfactory at this time.			
William K. Henderson <u><i>W.K. Henderson</i></u>			AP3599177

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td>AFTT:</td> </tr> <tr> <td>7/3/2017</td> <td>2194.70</td> <td>7280.90</td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Complied with par. (b) and (d) by inspection as required on both engines; no defects noted at this time. Left Eng Due: b)-H:2244.7 or 8/2/2017, c)-8/2017, d)-H:2694.7, e)-8/2017, f)-N/A, g)-H:3911.1 or 1/2024. Right Eng Due: b)-H:2244.7 or 8/2/2017, c)-8/2017, d)-H:2694.7, e)-8/2017, f)-N/A, g)-H:4579.9 or 12/2028. I certify that this airframe is in an airworthy condition with respect only to the work accomplished at this time and is now approved for return to service.</p> <p>Joseph M. Wood  AP2769858</p>	Date:	Hobbs:	AFTT:	7/3/2017	2194.70	7280.90		
Date:	Hobbs:	AFTT:										
7/3/2017	2194.70	7280.90										
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 Fax: 317-335-2073 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td></td> <td></td> </tr> <tr> <td>8/9/2017</td> <td>2215.20</td> <td></td> <td></td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Replaced nose gear ramp with new ramp part no. 2742204-2. Serviced all struts to proper level with nitrogen.</p> <p>Joseph M. Wood  AP2769858</p>	Date:	Hobbs:			8/9/2017	2215.20		
Date:	Hobbs:											
8/9/2017	2215.20											
<div style="position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); font-size: 2em; opacity: 0.5;">NEXT PAGE</div> </div>												
				SUB-TOTALS this page								
				TOTALS —Carry forward to next page								

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK									
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 Fax: 317-335-2073 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td></td> <td></td> </tr> <tr> <td>1/20/2018</td> <td>2245.60</td> <td></td> <td></td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Replaced LH vacuum pump with new Tempest AA442CW pump serial no. 0DLM07. Operational check of LH vacuum system was satisfactory. No oil leaks detected from the newly installed pump at this time. I certify that this airframe is in an airworthy condition with respect only to the work accomplished at this time and is now approved for return to service.</p> <p>Joseph M. Wood  AP2769858</p>		Date:	Hobbs:			1/20/2018	2245.60		
Date:	Hobbs:												
1/20/2018	2245.60												
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 Fax: 317-335-2073 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td></td> <td></td> </tr> <tr> <td>2/21/2018</td> <td>2257.80</td> <td></td> <td></td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Replaced LH main wheel assembly tube with new 6.5-10 tube part no. 092-344-0. Serviced LH main tire to 70 psi; no leaks detected. I certify that this airframe is in an airworthy condition with respect only to the work accomplished at this time and is now approved for return to service.</p> <p>Joseph M. Wood  AP2769858</p>		Date:	Hobbs:			2/21/2018	2257.80		
Date:	Hobbs:												
2/21/2018	2257.80												
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 Fax: 317-335-2073 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td></td> <td></td> </tr> <tr> <td>4/13/2018</td> <td>2279.00</td> <td></td> <td></td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Complied with AD2000-01-16 Exhaust Inspection par. (b) visual inspection on both LH and RH engine exhaust systems; no defects noted at this time. Next due at Hobbs 2329.0 or by 5/13/2018. I certify that this airframe is in an airworthy condition with respect only to the work accomplished at this time and is now approved for return to service.</p> <p>Paul Wilhelmson  AP3018081</p>		Date:	Hobbs:			4/13/2018	2279.00		
Date:	Hobbs:												
4/13/2018	2279.00												
				<div style="text-align: right;"> 3867 Aviation Way Greenfield, IN 46140 Phone: 317-335-3371 Fax: 317-335-2073 </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%;"> <tr> <td>Date:</td> <td>Hobbs:</td> <td></td> <td></td> </tr> <tr> <td>9/21/2018</td> <td>2342.50</td> <td></td> <td></td> </tr> </table> <p>Aircraft Registration: N414PF</p> <p>Complied with AD2000-01-16 Exhaust Inspection par. (b) visual inspection on both LH and RH engine exhaust systems; no defects noted at this time. Next due at Hobbs 2392.5 or 10/21/18. I certify that this airframe is in an airworthy condition with respect only to the work accomplished at this time and is now approved for return to service</p> <p>Benjamin Roney  AP4009052</p>		Date:	Hobbs:			9/21/2018	2342.50		
Date:	Hobbs:												
9/21/2018	2342.50												
				TOTALS—Carry forward to next page									

ALTIMETER/STATIC SYSTEM/TRANSPONDER TESTS and INSPECTIONS

IJA Form 11 Rev. B

AIRCRAFT MAKE: CESSNA

REGISTRATION: N414PF

AIRCRAFT MODEL: 414A

A/C HOURS: 2354.6

AIRCRAFT S/N: 414A0012

WORK ORDER: AV869

WORK

I certify that the Altimeter and static system tests and inspections, as required by FAR 91.411, and in accordance with FAR 43, Appendix E, have been performed.

Pilot P/N: 43300-6128

S/N: 2255

TESTED: 35,000FT Date: 10/3/18

CoPilot P/N: 5934PA-3

S/N: 428783

TESTED: 35,000FT Date: 7/30/18

Pilot's encoding altimeter was replaced due to inaccuracy with an exchange altimeter. Altimeter was overhauled and certified by Mid Continent Avionics, CRS # OL2R061L Work order # 000342338 on 10/3/18. Replaced co-pilot's altimeter with an exchange due to excessive case leak. Exchange altimeter was overhauled and certified by Mid Continent Avionics, CRS# OL2R061L Work order # 000337831 on 7/31/18

I certify that the ATC Transponder tests and inspections, as required by FAR 91.413, and in accordance with FAR 43 Appendix F, have been performed.

TRANSPONDER #1 GTX327

S/N 83708183

TRANSPONDER #2 N/A

S/N N/A

The aircraft, or component(s) identified above was repaired/installed and inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service only for work performed. Details of the work are on file at this repair station under W.O AV869 on date 10/29/18

Signature: _____

Date: 11/2/18

INDY Jet Services

3867 Aviation Way

GREENFIELD, IN 46140

FAA CRS # 1JIR529B

317-335-3404

INDY Jet Services

3867 Aviation Way Greenfield, IN 46140

Phone: 317-335-3371 Fax: 317-335-2073

Aircraft Registration:	Date:	Hobbs:	AFTT:
N414PF	11/2/2018	2354.60	7440.80

Completed an **ANNUAL INSPECTION** on this Airframe. C/W FAR91.207 D 1-4 ELT inspection, no defects noted, battery next due 5/2024. Removed, cleaned, inspected, and reinstalled left and right fuel strainers. Removed and replaced L&R vacuum filters with new RAB3-5-1. Lubed aircraft IAW lube charts. Repacked wheel bearings and serviced tires. Serviced brake reservoirs with 5606. Completed flight control travel checks and cable tension checks. Completed gear swing checks, emergency blow down checks, serviced nitrogen blow down bottle and serviced hydraulic reservoir with 5606. Checked deice boots for operation and leaks. Replaced RH vacuum pump with OH unit PN 442CW, SN 180097. Replaced the extend micro-switch on the LH landing light with new PN 1SM1, operational check normal. Removed O2 and sent for hydrostatic test, reinstalled O2 bottle, leak check good - next hydrostatic due 11/2021. Replaced light bulbs in LH pax safety display for seat belt and no-smoking. Installed new mount bracket for fire extinguisher. Verified depth of crack in RH fwd MLG trunnion, does not exceed .35" at this time per MEB 85-11, next inspection due in 50 hrs at hobbs 3404.6. Resafetied RH inbd aileron hinge bolt. Tightened RH aileron bellcrank pin nut. Set elevator servo cable tension IAW 414A MM 13-59. Set aileron servo cable tension IAW 414A MM 13-59. Replaced both cables on lower MCD with new PNs: 511156-29, 5111508-84CR. Replaced EGT probe on LH #6 with new PN 2870. Cleaned and inspected crew O2 masks. Secured cabin heat knob using set screw. Secured LH cabin pressure control knob panel nut. Adjusted tension on pilot storm window detent ball. Installed missing screw in copilot storm window upper hinge. Stop drilled cracks on both upper cowls near ventilation fins. Installed small doubler on LH upper cowl. Removed pilot inertia reel and reinstalled in the correct orientation. Patched LH side cowls on both nacelles near cyls #6. Replaced static wicks on LH wing tip, RH wing tip and lower rudder with new PN 11-04154. Checked and tightened hardware on nose gear support brace mount brackets. C/W AD 2016-17-08 by inspection, no defects noted at this time. Post inspection operational and leak checks satisfactory at this time. I certify that this aircraft has been inspected in accordance with an Annual Inspection per the scope and detail of FAR 43 app D, and was determined to be in airworthy condition at this time.

Paul S. Wilhelmson

AP3018081 IA

INDY Jet Services

3888 Aviation Way
Greenfield, IN 46140Phone: 317-335-3371
Fax: 317-335-2073

Aircraft Registration:	Date:	Hobbs:	Tach:	AFTT:
	11/30/2018	2357.80	N/A	2357.80

Removed H.S.I. PN 52D137-2331 SN 10496. Installed an as removed H.S.I PN 52D137-2331 SN 1-4395B. Operational checks were good for all autopilot modes.

John D Wright

A3161660

DATE

INDY Jet Services

3888 Aviation Way
Greenfield, IN 46140

Phone: 317-335-3371

Fax: 317-335-2073

ING WORK

Date:

Hobbs:

Tach:

AFTT:

12/13/2018

2359.00

2359.00

Aircraft Registration:

Removed loaner HSI (PN 52D137-2331 SN 4395B) and reinstalled customer's original HSI (PN 52D137-2331 SN10496). Ops check good at this time

Asher P. McNaughton

AP3843628

INDY Jet Services

3888 Aviation Way
Greenfield, IN 46140

Phone: 317-335-0469

Fax: 317-335-4538

Date:

Hobbs:

9/6/2019

2401.10

Aircraft Registration:

N414PF

C/W AD2000-01-16 Exhaust inspection on Left and Right engines per Para. (b) Visual inspection. No defects noted at this time.

Eric M. Wilson

AP3063927

Logbook Entry

Date

12/18/2018

Make

Cessna

N#

414PF

Repaired A/P and sys checks were normal.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 18-527

[Signature]

Louis A. Gaiser Cert # 2254646

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY. 42420
Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

URL www.roncollinsaviation.com

Ended 1-27-2020

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