



mt-propeller

The Winner's Propeller

PROPELLER LOGBOOK

MTE - 1198
Juni 2005

EASA DE.21G.0008 / EASA.21J.020

MAINTENANCE & SERVICE HISTORY

[illegible]

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MODEL: CIRRUSS SR20
S/N: 1111
REG NO: N213CD
AFTT: 2499.1

Aeromechanics

2450 MONTECITO RD RANMAYF - CA

JUNE 22, 2023
W/O: R-9187
HOBBS: 2499.1
TSNEW: 2499.1
TSNEWP: 0000.0

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I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 70/80, #2 70/80, #3 71/80, #4 71/80, #5 79/80, #6 71/80. A routine cylinder borescope inspection was performed I.A.W. TCM SB03-03, no anomalies noted. Drained oil and took routine sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108, and serviced engine with 7QTS of Phillips 20W-50XC oil. Cleaned, inspected, and serviced all spark plugs. Checked and adjusted magneto timing. Installed new MT propeller I.A.W. STC#: SA03303CH; P/N: MTV-12-D/188-59B, S/N: 221524. See form 337 on file with this agency. Updated W&B to reflect these changes. Replaced propeller bearing on throttle quadrant P/N: 14929-001. Installed new alternator belt with new belt P/N: 53034-001. Repaired alt #1 field wire. Replaced engine induction air filter with new Brackett air filter P/N: BA-24. Replaced LH inner cylinder baffle support (#6) with new support P/N: 641341. Cleaned, inspected, and serviced all wheel bearings. Checked and adjusted nose steering tension. Replaced both caliper o-rings with new o-rings P/N: M83461/1-224. Replaced all brake linings with new Rapco linings P/N: RA066-14100. Replaced ALT #2 function control module with new Lamar module P/N: FM02-1, S/N: R94607. Performed dynamic prop balance; Starting IPS: 0.25 @ 050; Ending IPS 0.02 @ 023. Added 14.2 grams at 150 deg. from #1 blade. Lubricated engine controls and checked for freedom of movement. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 06/2024. ELT batteries due: 03/2026. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2599.1. C/W AD 2006-21-03 Brake caliper piston o-ring seal inspection due at: black center of sticker. Ground run, leak check, and test flight satisfactory.

The 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 on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP32305381A

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