

2533 (05-16-2023)

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MAKE: Cirrus
MODEL: SR22
S/N: 1280
REG. NO.: N969JB
ENG MODEL: IO-550-N
ENG SN: 917531

Advanced Leesburg

Leesburg, VA 20175

W/O #: 2533
DATE: 05-16-2023
Eng TT: 1997.0
Hobbs: 2572.7
ACTT: 2572.7
Eng TSO: 825.6

Flight: 1896.5

Engine Entries

- Performed 100HR/Annual Engine inspection in accordance with FAR 43 Appendix D, using Cirrus SR22 AMM Rev. B8 Chpt. 5-20 & Continental IO-550 MM Chpt. 6-4.4 as a reference. Removed cowling and inspected. Performed Compression check: (1) 75/80 (2) 66/80 (3) 71/80 (4) 57/80 (5) 74/80 (6) 61/80; Master Orifice @ 45psi. Drained engine oil, collected Blackstone oil sample, removed oil filter to disassemble and inspect, no metal found. Installed and safety wired new oil filter P/N: AA48108-2 and serviced engine with 8 quarts of Phillips XC 20W50. Visually inspected cylinders, baffling, lines, wiring, induction/exhaust sys., accessories, and engine mounts. ~~Removed spark plugs; cleaned, inspected, gapped, tested, rotated and reinstalled to 35 ft/lbs with new gaskets.~~ Checked engine controls for proper operation and travel; lubricated as needed. Reinstalled cowling. Performed post-maintenance ground run, ops and leak check ok.
Researched applicable ADs & SBs biweekly 2023-11 through ATP Hub.
- C/W [500HR] Overhaul of magnetos. Removed both magnetos; installed (1) new P/N: BL-500556-1, S/N: D23AA045R for the RH side & installed (1) new same P/N, S/N: D22LA297R for the LH side with new gaskets. Timed both IAW engine data plate; ran up aircraft to perform magneto drop check and grounding procedure, all within limits, operational leak check ok. Work done using TCM SB17-04 as reference. **NEXT INTERVAL DUE @ 2396.5 FLIGHT.**
- Replaced all (12) spark plugs P/N: RHB32E, operational check ok.
- Replaced (1) inner cylinder baffle P/N: 649243 and (1) retaining spring P/N: 632907 for cylinder #5.
- Replaced (1) rocker cover P/N: APS-655705-S for cylinder #2 exhaust side. Leak check ok.
- Cleaned bird nest debris in engine baffling as needed.

I certify that this Engine has been inspected in accordance with a 100 Hour / Annual Inspection and has been determined to be in airworthy condition. This aircraft is approved for return to service. Pertinent del [REDACTED] the listed Work Order.

DATE: 05-16-2023

SIGNED: [REDACTED]

David Ponce-Mexicano
A&P/IA: [REDACTED]

WORK ORDER: 2533

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