## MAINTENANCE RECORD F.A.R. 43.9

DATE OF AIRCRAFT TIME
COMPLETION IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

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AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

wo: WO\_325



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N90MG

HOBBS: 1921.7

**CIRRUS DESIGN CORP, SR22, S/N: 2380** 

February 14, 2024

IACH: 0.0

- 1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Cirrus AMM as a guide.
- C/W ELT Inspection IAW FAR 91.207(D). Next due: 2/2025.
- 3. ELT Battery Due:7/2026.
- 4. Airworthiness Directives: Checked through Biweekly 2024-03
- C/W MSB2X-32-19R3. Due every 100 hours.
- Installed new Precision Flight Oxygen bottle / W regulator. filled to 1800 psi. Installed P/N 102N0100-1 Oxygen, w/Fittings & Regulator S/N: HPR100235/4215.
- Removed EMA Controller and replaced with new. Installed P/N 508358-421 EMA CONTROLLER S/N:
- Installed new CAPS cover and CAPS pin Installed P/N 25322-001 CAPS Safety Flag Pin, Installed P/N 14264-002 - CAPS Handle Cover.
- Found resistor in convenience power to be faulty, installed new resistor. Ops check fine and no breaker trip during post run with A/C on. Installed P/N DALE RH-50 50w 3ohm 12 Volt Convenience Power Resistor.
- 10. R/R flight Meter with new. OPS tested old unit failed. voltage applied test. NEW TACH (0.0) INSTALLED @ 1921.7 HOBBS. TOTAL TIME MOVING FORWARD IS NEW TACH PLUS 1921.7. Installed P/N 36644-003 HOUR METER.
- Removed and replaced L/H and R/H cabin door seals with new style.
- Removed and replaced R/H and L/H door gas strut caps with new style. Installed (4) P/N 18200-102 Metal End Fitting, Cabin Door Strut.

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- Lf/RH door latches adjusted to open in sync.
- Grab Here Placard Installed P/N 15735-001 Grab Placard
- C/W IAW SB 2X-27-16-R2 Installed P/N 11315-005 Rod End, Male, Installed P/N MS17825-4 CASTLE NUT, NYLOCK, Installed P/N 27425-001 - Spacer, Collar, 22Mm, Installed P/N 11185-005 - Flap Actuator, Installed (2) P/N MS21262-37 - Screw.
- 16. Removed fuel sending unit and replaced gasket with new, reinstalled assembly Installed P/N 12638-102 -Gasket, Fuel Level Send Unit.
- Reinstalled and secured Tanis heater element on sump pan with epoxy
- 18. Removed and replaced L/H and R/H engine mount ground straps with new. Installed (2) P/N MS25083-6BB6 GROUNDING STRAP.
- 19. Removed and replaced Installed P/N RTA400 - HALON FIRE EXTINQUISHER.
- Removed R/H upper wheel pant bracket and replaced with new. Installed P/N 13522-001 MAIN UPPER WHEEL PANT BRACKET.
- Installed RH elevator NO PUSH placard.
- Removed and replaced Batt #1 with new Installed P/N RG24-15M MAIN BATTERY, CONCORD, 24V S/N:
- R/R Ignition switch w/ new A-510 key # 093 Installed P/N A-510-2 Ignition Switch.
- 24. C/W 500 ENG MOUNT TORQUE.
- Removed and Installed new #2 batteries Installed (2) P/N NP7-12T BATT 2, Cirrus
- R/R brake caliper O-rings with new. And bled brake system. Ops check good. Installed (2) P/N 51698-001 -222, HIGH TEMP O RING, Installed (2) P/N RA068-01100 - RAPCO SHIM INSULATORS 330 Degree, Blue, Installed (2) P/N 51698-003 - 300 Degree, Yellow, Installed (4) P/N 101-34500 - M83461/1-

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COMPLETION Jeff Pleiman A/P I/A 3304319 certify that this AIRFRAME has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_325. WO: WO\_325 27. R/R ELT remote battery with new. 2032 March expire date. Installed P/N 28L - ELT REMOTE BATTERY Removed and replaced NLG wheel pant bracket with new. Installed (2) P/N 11799-004D - NLG WHEEL PANT BRACKET. R&R TKS filter with new. Ran system at post run ops check good. Installed P/N 26115-101 - TKS FILTER ASSY., Installed (2) P/N 15164-092B - 5/16" Ice Protection Seal Ring. C/W SB2X-27-18R2 Removed bungee DURACELL. AIRCRAFT TIME IN SERVICE Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587 **DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED** WORK PERFORMED/RETURNED TO SERVICE Airframe Annual - page 3 of 3 **AGENCY & CERTIFICATE NO.**