



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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wo: WO\_205

Prebuy · page 1 of 3



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

**N61SA**  
TACH: 2622.2

**Cirrus , SR22, S/N: 0677**

**March 10, 2023**

1. C/W Steel Aviation Prebuy Checklist.
2. CHECKED COMPRESSIONS #1:64, #3:60, #5:72, #2:64, #4:48, #6:58.
3. Borescope cylinders, pictures on file at Steel Aviation.
4. Removed and cut open oil filter. NDN Installed P/N AA48109 - Oil Filter.
5. Checked Airworthiness Directives for compliance.
6. Checked Cirrus Service Bulletins for compliance.
7. Checked Cirrus Ch. 4 and 5 time limit items for compliance.
8. Checked for 91.411 & 91.413 static, altimeter, transponder 24 month certification compliance DUE 8/2023.
9. Inspected ELT, ELT Battery due. 12/2025.
10. Repaired paint in L/H lower wheel paint in accordance with Cirrus AMM ch. 51-20 and 51-30.
11. Painted and installed new wheel pant plug. Installed P/N 50498-200 - PLUG, 2" Diameter.
12. R/R EGT Probe. OPs check good. Installed P/N 14554-001 - EGT Probe, Modified W/Spade Connectors.
13. PERFORMED MCU CHECK I/A/W CIRRUS AMM 24-30 NDN.
14. R/R #2 EX push tube seal. torqued rocker IAC Continental MM 190 in/lb .006 clearance. Installed P/N AS3582-017 - 11/16 Id X 13/16 Od X 1/16 W, Silicone, Installed (2) P/N 501868 - TAB WASHER, ROCKER, IO 550, Installed P/N 630286 - TCM O-RING PUSH ROD, Installed P/N SA534610 - SUPERIOR PUSH ROD PACKING.
15. R/R #2 Intake push tube seals, torqued rocker arms to 190 in/lbs secured w/ tab washer. Installed P/N 630286 - TCM O-RING PUSH ROD, Installed P/N SA534610 - SUPERIOR PUSH ROD PACKING, Installed (2) P/N 501868 - TAB WASHER, ROCKER, IO 550.

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wo: WO\_205

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

16. C/W SB 2x71-11 r1 Installed (6) P/N 50164-001 - Connector, 4 Socket Female, Installed (6) P/N 50162-001 - CONNECTOR, 4 SOCKET, FEMALE, Installed (16) P/N 50163-001 - Pin, 18-24 AWG, Installed (16) P/N 50165-001 - TERMINAL, SOCKET, 18-24 AWG, Installed (12) P/N 51591-001 - 4 PIN WIRE SEAL, Installed (6) P/N 51590-001 - 4 PIN INTERFACE SEAL.
17. Applied 2 part white paint to LF engine mount cross tube to repair paint abrasion.
18. Installed new CAPS pin. Installed P/N 25322-001 - CAPS Safety Flag Pin, Installed P/N 25321-001 - CAPS Safety Flag.
19. reattached Pass R/H window trim.
20. Buffed copilot window to remove overspray.
21. C/W AVIDYNE 10.3.1.2 IFD UPDATE I/A/W SB 601-00182-034 ON IFD550 S/N M185043326 & IFD440 S/N M191148881.
22. Installed spiral wrap on LF/RH brake hoses. Installed (2 ft) P/N 11-12318 - SPIRAL WRAP 1/8.
23. Installed new Nose strut rubber pucks IAC cirrus AMM Installed (6) P/N AEC-169-380098-1, 13386-001 - NLG PUCKS, SR22.
24. C/W 500 hr . engine mount torque IAW cirrus AMM.
25. Inspected ALT 1 gear drive slippage per TCM M/M 10-4.1.4 ALT 2 500 hr. N/A Installed P/N 653981 - TCM GASKET GENERATOR.
26. ALT 2 500 hr. inspection N/A by B&C ICA.
27. R/R electric boost pump with overhauled unit. OPS tested. Installed IAW cirrus MM / Dukes instructions. Installed P/N 5217-00-3 - DUKES FUEL PUMP S/N: 2459.
28. Installed Glare shield proper into fwd. section.
29. added dura-lock to forward headliner.

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wo: WO\_205

Prebuy · page 3 of 3



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

I certify this Airframe, Engine and Prop was inspected per Steel Aviation's prebuy checklist and determined to be in airworthy condition. With respect to the work performed, this airframe, engine and prop is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO\_205.

Jeff Pleiman A/P I/A 3304319

Page 3 of 3 Entry End

# MAINTENANCE RECORD

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wo: WO\_206

Airframe · page 1 of 1



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

**N61SA**  
TACH: 2623.9

**Cirrus , SR22, S/N: 0677**

**March 13, 2023**

Removed MCU s/n 00138 and installed new MCU. Operational checked satisfactory. Installed P/N 16600-011 - MCU 120, Factory-New, W/ CAPS Ignition Mod S/N: 02664.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO\_206.

Jeff Pleiman A/P I/A 3304319

# MAINTENANCE RECORD

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REG. NO.: N61SA  
MAKE: CIRRUS DESIGN  
CORP  
MODEL: SR22  
S/N: 0677

### Airframe



*Tennessee Aircraft Services, Inc.*  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



DATE: June 08, 2023  
AFTT: 2703.8  
HOBBS: 2703.8

1. Tightened the connections for CHT probes in the number 3 cylinder.
2. Lubricated elevator trim cartridge and controls IAW Cirrus AMM Chapter 12 Figure 12-201.

Signed:

Work Order: 9080

Sides, Blake, A&P IA: 3716170

wo: JBR\_23-1121

Airframe · page 1 of 1



Edmonds Aviation LLC · 3001 Earhart Drive · Jonesboro, AR 72401 · (870) 819-3569

**N61SA**

**CIRRUS DESIGN CORP, SR22, S/N: 0677**

**August 08, 2023**

Removed Avidyne EX5000 MFD to send out for repair. Covered and secured connector out of the way.

Jonathan Edmonds A&P 3568491



# MAINTENANCE RECORD

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wo: JBR\_23-1125

Airframe · page 1 of 1



Edmonds Aviation LLC · 3001 Earhart Drive · Jonesboro, AR 72401 · (870) 819-3569

**N61SA**

**CIRRUS DESIGN CORP, SR22, S/N: 0677**

**August 30, 2023**

Hobbs: 2745.3

1. Removed L/H wheel assembly and replaced tire/tube with new. Cleaned and packed wheel bearings. Reinstalled wheel assembly. Removed P/N 156E66-4 - Goodyear tire S/N: 32627650, Installed P/N 072-449-0 - 15-6.00x6 Condor Tire S/N: 3052T00153, Installed P/N 302-246-401 - G15/6.00-6 Flight Mate Tube
2. Removed R/H wheel assembly and replaced tire/tube with new. Cleaned and packed wheel bearings. Reinstalled wheel assembly. Removed P/N 156E66-4 - Goodyear tire S/N: 41742429, Installed P/N 072-449-0 - 15-6.00x6 Condor Tire S/N: 3053T00098, Installed P/N 302-246-401 - G15/6.00-6 Flight Mate Tube
3. Replaced brake linings with new on R/H brake assembly. Installed (4) P/N APS66-10500 - Brake Lining.
4. Reinstalled MFD after repair by Extant. Verified proper configuration and uploaded database/charts. Installed P/N 700-00004-006 - MFD 10.4 Landscape S/N: 1837.

Technicians who worked on items listed above: Ernie Haycraft, James Malone

Maintenance Release

With reference to above mentioned work performed with reference to current FARs and/or Manufacturer Maintenance Manual, I certify this airframe is approved for return to service at this time. Details of work performed are on file with Edmonds Aviation LLC under work order: JBR\_23-1125.

Jonathan Edmonds A&P 3568491

# MAINTENANCE RECORD

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REG. NO.: N61SA  
MAKE: CONT MOTOR  
MODEL: IO-550 SERIES

### Engine



*Tennessee Aircraft Services, Inc.*  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



DATE: September 20, 2023  
HOBBS: 2752.6

1. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. Installed new filter and serviced engine with oil. Engine ground check run satisfactory. (8) P/N Phillips XC 20W50 - Oil, P/N Oil Analysis Kit - Blackstone, P/N AA48108-2 - Filter.
2. Installed new terminal end on the #2 CHT probe.  
Work performed by Steve Hooten

Signed:

Work Order: 9153

Hooten, Steven, A&P IA: 3531330



REG. NO.: N61SA  
MAKE: CIRRUS DESIGN  
CORP  
MODEL: SR22  
S/N: 0677

**Airframe**

DATE: March 1, 2024  
HOBS:2766.2



**Tennessee Aircraft Services, Inc.**  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D.
  2. FAA Airworthiness Directives researched through this date.
  3. Placards inventoried.
  4. ELT system checks and inspection performed in accordance with FAA CRS 91.207(d) **Battery due date 12/2025.**
  5. Flight control cable tensions checked and found within specifications.
  6. Fuel gascolator screen removed, inspected, cleaned, reinstalled and leak checked good. P/N NAS1523-8B - packing.
  7. Installed new induction air filter IAW Cirrus SR22 AMM Chapter 71-60 (3)(A) Fig 71-601. P/N BA-24 - FILTER ELEMENT For BA111 assy.
  8. Installed new propeller governor cable in accordance with SR22 / SR22T AMM Chapter 76-10 page 14-16. P/N 14064-102 - Cable, Throttle and Prop. SR22. P/N RTV736 - Sealant Rev/Lot: June 2019.
  9. Cleaned oil residue and tightened the fitting on the top of the propeller governor.
  10. Removed, cleaned, and reinstalled right belly fire shield with new tape IAW Cirrus AMM Chapter 53-30 Section (2)(B)(2)(a-d). (3 ft) P/N 4951 3M - tape.
  11. Removed, cleaned, and reinstalled right belly fire shield with new tape IAW Cirrus AMM Chapter 53-30 Section (2)(B)(2)(a-d). (3 ft) P/N 4951 3M - tape.
  12. Removed 2 old bushings and installed 2 new bushings on the Pitch trim cartridge assembly in accordance with Cirrus AMM Chapter 27-30 (L) (2) (3). (2) P/N 50200-001 - bushing.
  13. Sealed right wing outboard naca duct with RTV108 in accordance with SR22 / SR22T AMM Revision B8 Chapter 28-10 page 16.
  14. Installed new bracket on right main landing gear axle fitting IAW Cirrus SR22 AMM Chapter 32-10 D (4). P/N 17205-002 - Wheel Fairing Bracket.
  15. Installed new bracket on right main landing gear strut IAW SR22 AMM Chapter 32 32-10 (4). P/N 13522-001 - attach bracket.
  16. Installed new well nut for left main landing gear fairing upper cuff. P/N 50803-001 - wellnut short.
  17. Installed new seals and yellow temperature placard in left main landing gear brake caliper IAW Cirrus SR22 AMM Chapter 32 32-42 (4). B'ad system leak and ops check good. P/N 51698-003 - Temp Label, 300 degree yellow, (2) P/N M83461/1-222 - O-ring.
  18. Resealed left fuel naca vent with RTV.
  19. Removed the aileron trim motor, tightened the 3 bracket screws, and reinstalled IAW Cirrus SR22 AMM Chapter 27-10 (A) (4) Fig 27-102. Reinstalled the Aileron and safetied IAW Cirrus SR22 AMM Chapter 57-50 (B)(6)(b).
  20. Completed magnetic compass swing in accordance with Cirrus SR22 / SR22T AMM chapter 34-2- page 7-8.
  21. Removed, lubricated the pitch trim cartridge, and reinstalled IAW Cirrus AMM Chapter 27-30 (L)(1)(2)(3).
- Work performed by Steve Hooten, Doug Kail, Rukang Chikomb, Blake Sides, and Trent Coker.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Signed:

Work Order: 9190

  
Hooten, Steven, A&P IA: 3531330