

# N4904

## AIRCRAFT STATUS REPORT

### CIRRUS SR22 S/N: 2924

- |  |                         |                        |
|--|-------------------------|------------------------|
| 1. Annual Inspection due:  | <b>July</b>             | <b>2024</b>            |
| 2. Aircraft Registration Expiration date due:  | <b>July</b>             | <b>2029</b>            |
| 3. ELT Batteries due:  | <b>July</b>             | <b>2028</b>            |
| 4. ELT Arming Switch Battery due:  | <b>March</b>            | <b>2028</b>            |
| 5. Altimeter, Transponder, Altitude Reporter, and Static System Certification due every 24 months:                 | <b>July</b>             | <b>2025</b>            |
| 6. #1) Alternator Brush External Inspection<br>due every 500 hours or 2 years:                                     | <b>February</b>         | <b>2024</b>            |
|  | <b>Hobbs:</b>           | <b>649.1</b>           |
| 7. Tornado Alley (Flexible System Lines) due every 10 years:   | <b>February</b>         | <b>2029</b>            |
| 8. Magneto Inspection due every 500 hours:   | (Left)                  | <b>Hobbs: Sure Fly</b> |
|  | (Right)                 | <b>Hobbs: 321.2</b>    |
| 9. Magneto Pressurization Filter due every 3 years or 300 hours:   | <b>February</b>         | <b>2025</b>            |
|  | <b>Hobbs:</b>           | <b>449.1</b>           |
|  | <b>Hobbs:</b>           | <b>683.5</b>           |
| 10. Tornado Alley Fuel Injection Nozzle Servicing due every 500 Hours:   |                         |                        |
| 11. Tornado Alley (V-Band Clamp) replacement due   | (Left)                  | <b>Hobbs: 450.0</b>    |
| a) 450 hours' time-in-service:   | (Right)                 | <b>Hobbs: 450.0</b>    |
| b) After 350 hours if at Annual or clamp has been removed:   |                         |                        |
| 12. Tornado Alley SI 08-01 (Tailpipe Crankcase Breather Discharge Tube) due every oil change or 50 Hours:          | <b>Every Oil Change</b> |                        |
|  | <b>Hobbs:</b>           | <b>315.6</b>           |
| 13. Tornado Alley SI 08-04 (Exhaust Heat Exchanger) due every 100 hours:   | <b>Hobbs:</b>           | <b>365.6</b>           |
| 14. Tornado Alley SI 08-05 (Induction Air Filter) due every 100 hours:   | <b>Hobbs:</b>           | <b>365.6</b>           |
| 15. Tornado Alley SB 09-01(Exhaust Manifold) due every oil change or 50 Hours:                                     | <b>Every Oil Change</b> |                        |
|  | <b>Hobbs:</b>           | <b>315.6</b>           |
| 16. Tornado Alley SB10-01 (Alternate Air Door Insp.) due every Annual:   | <b>July</b>             | <b>2024</b>            |
| 17. Tornado Alley SI 11-01(Exhaust Slip Joint Inspection) due every Annual Inspection or V-band Clamp Replacement: | <b>July</b>             | <b>2024</b>            |
| 18. Tornado Alley SI 11-03 (Turbocharger Support Insp) due every Annual or Exhaust V-band clamp replacement:       | <b>July</b>             | <b>2024</b>            |
| 19. Tornado Alley SB 11-04 (Turbocharger Oil Inlet Screen) due every Annual:                                       | <b>July</b>             | <b>2024</b>            |
| 20. Tornado Alley SB12-02 (Fuel Pump O-ring Seals) due every oil change of 50 hours:                               | <b>Every Oil Change</b> |                        |
|  | <b>Hobbs:</b>           | <b>315.6</b>           |
| 21. Number #2) Aircraft Battery due Every 24 months  | <b>July</b>             | <b>2025</b>            |
|  | <b>Hobbs:</b>           | <b>765.6</b>           |
| 22. TKS Filter Replacement due every 2 years or 1200 hours:  | <b>December</b>         | <b>2019</b>            |
|  | <b>Hobbs:</b>           | <b>740.3</b>           |
| 23. Oxygen Bottle Hydrostatic Test due every 5 years:  | <b>June</b>             | <b>2027</b>            |
| Oxygen Bottle Life Limits due every 15 years:  | <b>July</b>             | <b>2037</b>            |

# **N4904**

## **AIRCRAFT STATUS REPORT**

### **CIRRUS SR22 S/N: 2924**

24. CAPS Rocket Motor due every 10 years:	<b>October</b>	<b>2027</b>
25. CAPS Parachute due every 10 years:	<b>October</b>	<b>2027</b>
26. CAPS Reefing Line Cutters due every 6 years:	<b>June</b>	<b>2025</b>
27. EMA Controller, AAIR (7 Years)	<b>March</b>	<b>2028</b>
28. Pilot Seat Inflator Assembly, AAIR (10 Years)	<b>February</b>	<b>2031</b>
29. Co-Pilot Seat Inflator Assembly. AAIR (10 Years)	<b>February</b>	<b>2031</b>
30. ACS Products AD 93-05-06 (Ignition Switches) due every 2000 hours:	<b>Hobbs:</b>	<b>2183.5</b>

(Note: All above listed "Hobbs" times are in reference to the Flight Hobbs Meter.)

**Date: 28 July 2023**

**Flight Hobbs: 0265.6**  
**Hobbs Meter: 2366.7**

**Aircraft Total Time: 2289.6**

**Engine Total Time: 904.4**

**Propeller Total Time: 490.0**

**Calendar Time in Service: 3 Years 6 Months**





# AIRFRAME MAINTENANCE RECORDS

AIRCRAFT REGISTRATION  
ENGINE POSITION  
ENGINE SERIAL NO.

N4904

LOG BOOK #2



**El Paso Aero, Inc.**  
 Avionics Associates  
 7305 Boeing Drive  
 El Paso, Texas 79925  
 FAA CRS#VL1R562K

N#: N4904  
 S/N: 2924  
 Flight Timer: 183.5  
 Engine: 789.1

Mfg: Cirrus  
 W.O.#: 72720  
 Total Time: 2207.5  
 Propeller: 2207.5

Model: SR-22  
 Date: 07/08/22  
 Hobbs: 2266.4

Page 1 of 1

Routine maintenance performed in conjunction with an Annual Inspection in accordance with FAR Part 43 appendix D.

- Complied with Tornado Alley Turbo, Inc. Instructions for Continued Airworthiness in accordance with Document No. 22-6460004 and no problems noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Instruction No. 08-01 by inspecting and cleaning oil air breather discharge tube - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 08-02 by inspecting PRV/Y duct and no problems noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Instruction No. 08-04 by inspecting cabin heat augments/tailpipe and no discrepancies noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 08-05 by inspecting and cleaning K&N induction air filter and reinstalled as required - next due at Aircraft Total Time 2307.5 or July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 09-01 by inspecting left and right exhaust manifolds for cracks and no problems noted - next due at Aircraft Total Time 2307.5.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 10-01 by inspecting alternate air hinge pin and no problems noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Instruction No. 11-01 by inspecting exhaust slip joint and no defects noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Instruction No. 11-03 by inspecting left and right turbo support rods as ok - next inspection due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 11-04 by cleaning and inspecting turbo oil inlet screen and no problems noted - next due July 2022.
- Complied with Tornado Alley Turbo, Inc. Service Bulletin No. 12-02 by inspecting engine driven fuel pump as ok - next due - next due at Aircraft Total Time 2257.5 or July 2022.
- Complied with Transient Voltage Suppression Check in accordance with MM24-50 and no problems noted.
- Complied with FAR91.207 by testing and inspecting ME-406 ELT S/N 06626 and ops checked system as ok - battery due 07/2028.
- Complied with Fire Extinguisher Inspection on bottle P/N RT-A400 S/N 486286 and no problems noted.
- Complied with aircraft battery inspection on Concord RG24-15M S/N 41221203 and ops checked ok - cleaned terminals and reinstalled battery.
- Complied with 2 Year Magnetic Compass Swing and installed new compass correction card.
- Complied with 15 Year Oxygen Bottle Replacement by installing new oxygen bottle P/N 026N2003-3 S/N ALT281-53624, serviced system with oxygen and leak checked ok - next hydrostatic inspection due 06/2027.
- Complied with 2000 Hour Ignition Switch Inspection and no discrepancies noted - cleaned, lubricated and reinstalled switch - marked with red paint as required and final ops checked ok.
- Complied with Aircraft Lube in accordance with Cirrus Maintenance Manual.
- Installed new GMA-340 mounting stud P/N 233-00046-00 in accordance with Garmin Manual No. 190-00149-02 and secured unit.
- Cleaned and inspected fuel gascolator, reassembled with new seals and leak checked ok.

Pertinent details of work performed are on file at this agency under WO#72720. I certify that this aircraft has been inspected in accordance with an Annual Inspection and was found airworthy for return to service in accordance with FAR Part 43 appendix D.

Adam Chenausky

Aircraft Total Hours ~~2943.4~~ 2343.4  
 N4904 SN 2924

Date 02/10/2023

**Alteration Summary: Upgrade GPS/NAV/COM, PFD and Autopilot systems.**

-Removed EX5000 PFD & MFD, 2 ea GNS430W GPS/NAV/COM, STEC 55x Autopilot, GTX345 XPDR and GMA340 Audio Panel -Added Terrain Audio Alert Interface (IFD1 to Audio Panel), Stby Freq Monitor Interface (IFD1 to Audio Panel), Capstone 422 Weather interface (GTX345 to IFD1/2) in accordance with IFD Part 23 STC installation manual SA00343BO -Installed PFD with MOD 55 after return from Avidyne. -Installed 2 ea IFD 440 WAAS GPS/NAV/COM units in accordance with IFD Part 23 STC installation manual SA00343BO. -Installed GMA345 Audio Panel in accordance with MFG installation manual. -Installed DFC90 autopilot flap wiring modification IAW STC SA00296BO Installation documents. -Installed DFC90 Controller and tray. -Reinstalled GTX345 transponder, EX5000 MFD. f -Installed AFMS for the IFD440 and DFC90 units in the aircraft flight manual. -Provided Instructions for Continued Airworthiness to the aircraft owner. -Updated the weight and balance sheet. Performed ground and flight operations check. Aircraft returned to service.

Kevin W Haynes 3295090AP

Aircraft Total Hours ~~2951.0~~ 2351.0  
 N4904 SN 2924

Date 02/17/2023

**Alteration Summary: Software update AvOIS 10.3.1.2 for IFD 440 units**

-Performed system software upgrade to IFD440 units 1 & 2 IAW the OEM Service Bulletin. Performed ground operations check. Aircraft returned to service.

Kevin W Haynes 3295090AP



## ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N4904 Cirrus SR22 SN: 2924 Hobbs: 2366.7

July 7, 2023

Avidyne PFD PN: 700-00006-000, SN: 20026507 has been tested per FAR 91.411 Part 43 Appendix E to 25K'. See our 8130-3 issued this date. United Instruments Altimeter PN: 5934AD-3, SN: 466549 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 30K'. See our 8130-3 issued this date. Aircraft Pitot and Static systems have been tested per FAR Part 43 Appendix E. Aircraft Static system was tested to 7000' with <20' leak per minute. Pitot system was tested to 150 kts with no leaks. Updated GTX 345 011-03302-00, SN: 3EG025759 main software version from 2.54 to 2.80 & ADS-B software version from 3.12 to 3.40 per Garmin STC Service Bulletin 22104B in accordance with Garmin TSO Service Bulletin 22084A. Updated GTX 345 ADS-B software version from 3.40 to 3.41 per Garmin STC Service Bulletin 23036A in accordance with Garmin TSO Service Bulletin 23031A. Updated the following documents: Garmin GTX 3X5 XPDR with ADS-B AFMS 190-00734-15 to Rev 5, Garmin GTX 3X5 ADS-B ICA 190-00734-11 to Rev 8. The ATC Transponder test and inspection required by FAR 91.413 was performed on the Garmin GTX 345 011-03302-00, SN: 3EG025759 transponder and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: 

AV-04904

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N4904

Cirrus

SR22

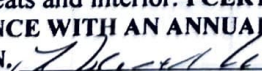
S/N: 2924

Airframe Total Time: 2289.6

28 July 2023

Flight Hobbs: 0265.6

Hobbs Meter: 2366.7

**100 Hour/Annual Inspection** completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (STC) Instructions for Continued Airworthiness as a guide. Inspected / Tested Artex ME406 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N4904, dated 06/27/2023 on file. **ELT battery due July 2028. Next ELT remote battery due March 2028.** Installed (2) new #2 batteries P/N: 50979-001. **Next #2 battery replacement due July 2025 or Flight Hobbs: 765.6.** Completed CAPS Electrical System Check as needed. All readings are found to be within limits. Inspected cabin fire extinguisher for condition and security and performed 30-day cabin fire extinguisher inspection weight check, bottle weight **18.1 ounces**. Updated POH by inserting Revisions A8, A9 and A10. Printed and inserted TPOH changes 13-08R1, 15-15R2, 15-18, 15-27 and 18-03 into POH. Updated Weight and Balance to reflect previously removed wingtip strobe power supplies. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose landing gear strut for condition and security. Inspected nose and main gear tires for condition and security and serviced tires to specified pressures. Installed new upper and lower cowl aft flange seal as needed. Replaced lower cowl heat shield tape. Secured AmSafe plug tie block on pilot seat. Replaced left gear strut upper support grommet. Removed nose for assembly, cleaned, replaced Teflon coated thrust washer, reinstalled and set fork side tension as needed. Installed washers on both sides of cabin door panels to prevent screws pulling through. Secured right rear passenger cup holder hinges. Installed new door gas struts. Lubricated door latches. Replaced pilot door upper latch spring. Tensioned copilot door upper hinge stud and resealed. Installed cabin air inlet insulating sleeve. Installed new close-out tape on upper vertical stabilizer. Completed composite repair of elongated axle bolt hole in left main pant, and center screw holes in left and right inboard main gear fairings. Tied reefing line cutter cord to strapping as needed. Applied fusion tape to rocket wiring where accessible. Sealed base of GPS and Comm antennas. Installed bonding on left and right wing tip light wiring. Trimmed interior panel as needed to prevent contact with pilot control yoke. Installed new landing light lens P/N: 17298-001. Cleaned, inspected, resealed, and reinstalled left main wheel brake caliper. Installed new brake caliper temperature placard. Conditioned brakes per Cleveland service instructions. **AD Garmin 2022-03-15 (Fuel Level Indications)** N/A by installed equipment, no action required. AD's checked through Biweekly 2023-15. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**  L. John Wells A&P 3221132 IA w/o 44403

SUB-TOTALS this page

TOTALS - Carry forward to next page



N4904 Cirrus SR-22 S/N: 2924  
1. Removed deteriorated aileron gap seals, prepped area, and adhered new gap seals, P/N: 14390-003, to  
LH and RH wings IAW Cirrus SR22 Maintenance Manual.  
2. Replaced NLG shock absorber pucks with new, P/N: 13386-001  
Hobbs: 2380.4 November 14, 2023  
Acft TT: 2301.4  
This aircraft is approved for return to service for the work performed. Pertinent details of the work  
accomplished on this aircraft are on file with this agency under work order number M4904112023-1.  
Jared L. Anderson AP 3159154

wo: WO\_488



Airframe · page 1 of 1

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

N4904

HOBBS: 2388.2

Cirrus , SR22, S/N: 2924

TACH: 283.7

May 01, 2024

1. Removed all flight controls, covers, inspection panels, and decals.
2. Stripped all flight controls using PR-2002, neutralized using ALK-600, cleaned and water break tested, Etched, Alodine, and epoxy primed.
3. Prepared flight controls and airframe for paint I/A/W Cirrus AMM 51-20.
4. Painted airframe and flight controls I/A/W Cirrus AMM 51-20 using materials from Cirrus AMM 51-30.
5. Checked all the flight controls are within balance limits.
6. Reinstalled all flight controls, covers and inspection panels, window sealant, wing walk, gap seals and decals. Installed P/N 760UV - WINDOW SEAL, Installed (2) P/N 14390-003 - AILERON GAP SEAL, WHITE, Installed P/N 18063-005U - Unpainted, Natural White, LH, Installed P/N 18063-006U - Unpainted, Natural White, RH, Installed (2) P/N 17366-001 - Placard Fuel Fill, SR22.
7. C/W 2 Color- complex paint scheme. See paint code log sticker.
8. R&R wingtip landing light lens Installed P/N 17385-001 - Recognition Light Lens, LH, Installed P/N 17385-002 - Recognition Light Lens, RH, Installed (2) P/N 18841-002 - Seal Duct Recognition Light.

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 488.

Echota Henderson A/P 4076904

Paint code entry on next page →

SUB-TOTALS this page

TOTALS - Carry forward to next page



Page No. \_\_\_\_\_

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
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ward from previous page

Paint Codes

5/1/2024

PRIMER Gray Primer CM0481030

PRIMER Gray Primer CM0481968

COLOR Accelero Black Pearl

COLOR SGP06693

COLOR Sterling Silver

COLOR CM0855660

CLEAR CM0850CC1



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