

AIRFRAME MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N8146L
Aircraft Mfg. CIRROS AIRCRAF Model SR22 Serial No. 0680

Engine Mfg. TEM Model IO-550N27 Serial No. 913910
TURBO STC

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. HARTZELL Model PHC-J34F-1A Serial No. FP7287B

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

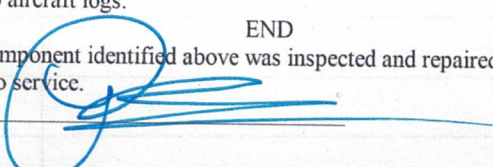
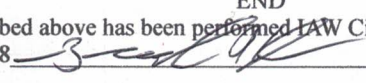
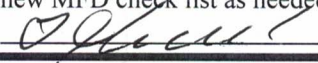
Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
Airframe Log Make CIRRUS HOBBS 1639.0		Aircraft N8146L Model SR22T	Date June 1 2017 S/N 0680 Performed Annual Inspection IAW FAR Part 43 Appendix D using Cirrus SR22T AMM as a guide. Inspected and tested ELT IAW FAR Part 91.207 (d) Replaced ELT battery installed P/N 425-6499 S/N 373928-025 Next due MAY 2024. ELT Tested satisfactory. Replaced #2 battery assy. with new. P/N NP7-12T. Operation and voltage check satisfactory. Found faulty ignition switch when switched to right mag. Replaced ignition switch with new. P/N A-510-2 Operational test satisfactory. Removed back-up tachometer and sent out for repair due to erratic reading at high power settings. Reinstalled same tachometer after repair. Operation test satisfactory. Replaced left MLG upper wheel pant bracket with new. P/N 13522-001 Replaced left MLG strut grommet with new due to grommet worn beyond permissible limits. P/N 16937-001. Resealed left and right fuel filler cap assy's. Resealed all de-ice Pourous panels. Resecured wing root fairings as needed. Verified all AD's have been complied with thru June 1 2017. Attached AD compliance record to aircraft logs. END I certify that this aircraft and/or component identified above was inspected and repaired IAW current FAA regulations and determined Airworthy for return to service. Phillip Scadden IA 400062798 
Airframe Log Make CIRRUS HOBBS 1639.0		Aircraft N8146L Model SR22T	Date June 21 2017 S/N 0680 Replaced right brake linings P/N 66-105. Trouble shot inop landing light. Replaced landing light fwd wire harness with servicable used harness. Operational check satisfactory. Verified TKS tank was empty. Serviced TKS system with 2.5 Gal. of fluid, primed TKS system. Operational check satisfactory. END I certify that all work described above has been performed IAW Cirrus SR22T AMM, and current FAA regulations Brad Helman A&P 3939968 
<p>ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N8146L Cirrus SR22 S/N: 22-0680 Airframe Log Engine 11 August 2017 Hobbs Meter: 1678.7 Removed connector J950 at firewall and resoldered all CHT grounding wires at the connector. Applied shrink tape and reassembled connector. Ground run and operational check of CHT satisfactory. Installed new MFD check list as needed.  L. John Wells A&P 3221132 w/o 38257</p>			

SUB-TOTAL this page

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DATE

#1 GNS430 P/N: 011-01060-40 S/N: 97115974
#2 GNS430 P/N: 011-01060-40 S/N: 97112780
GTX327 P/N: 010-00188-03 S/N: 83709773


NG WORK

Installed the following equipment in accordance with Avidyne Avionics IFD4XX/IFD5XX AML STC SA00343B0 and Service Information Letter 606-00182-015: NOTE: The STC approves ADS-B out capability for the Garmin GTX345 transponders ADS-B OUT transmitter and GNSS position sensor combination to comply with 91.227.

#1 IFD440 P/N: 700-00179-000 S/N: 174017359
#1 IFD440 P/N: 700-00179-000 S/N: 173916424
GTX345 P/N: 011-03302-00 S/N: 3EG009320

Changes to Weight and Balance information are nominal and not changed. See 337 dated 11/2/2017. This aircraft approved for return to service and complied with 14CFR 91.413 and 14CFR 43 appendix F. See logbook entry dated 11/1/2017

James A Schwab
A&P268580933IA

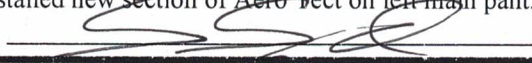


ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N8146L Cirrus SR22 S/N: 22-0680 Airframe Log Engine

17 November 2017 Hobbs Meter: 1719.5

Installed new section of Aero Tect on left main pant. Lubricated co-pilot door latch pins.


Scott S. Fisher A&P 3290363

w/o 38532

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N8146L Cirrus SR22 S/N: 22-0680 Airframe Log Entry

31 January 2018 Hobbs Meter: 1759.6

Lubricated pilot and co-pilot pedals as needed. Operational check satisfactory.


Jason Daniel Schaaf A&P 3551738

w/o 38745

ARAPAHOE AERO AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N8146L Cirrus SR-22 sn: 0680

April 27, 2018

Hobbs: 1796.9

Avidyne IFD440 700-00179-00 Rev 07 sn: M174017359 (#1)

Avidyne IFD440 700-00179-00 Rev 07 sn: M173916424 (#2)

Upgraded Operating System Software to Version 10.2.1.0 per Avidyne Service Bulletin No.601-00182-034 Rev 03 dated February 23, 2018. (previous version 10.2.0.0)

The aircraft and/or component identified above have 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-04061

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N8146L Cirrus SR22 S/N: 22-0680 Airframe Log Entry

01 May 2018 Hobbs Meter: 1796.9

Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers". Serviced tires. Installed new left wing fuel tank drain P/N: 25038-001. Operational check satisfactory.


Jason Daniel Schaaf A&P 3551738

w/o 38961

SUB-TOTAL this page

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Page No. _____

Airframe

Date:- May 7, 2016 Act Reg:- N8146L

Tach:- 1799.6

DATE

Maintenance Description

Discrepancy Upon landing aircraft right main tire blew on runway; Cutter Aviation removed aircraft from runway with dolly under the right main wheel. Noted damages to the right wheel pant assy, bottom side. Removed and replace right tire and tube assy.

Kevin Maslanik

Mechanic's Signature:- Kevin J. Maslanik

Certificate Number:- A&P 3326700

ARAPAHOE AERO

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

N8146L Cirrus SR22 S/N: 22-0680 Airframe Total Time: 1809.0

25 July 2018 Hobbs Meter: 1809.0

100 Hour/Annual Inspection completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form and the Aerox Oxygen System Instruction for Continued Airworthiness as a guide. Tested Artex ME 406 per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AV triple/3195/N8146L-7-24-18-1, dated 07/24/2018 on file. **ELT battery due May 2024.** Installed new ELT remote arming switch battery P/N: PX28LB. **Next ELT remote arming switch battery due March 2024.** Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Checked nose wheel fork side tension. Installed new left main tire, P/N: 156EE66-4, S/N: 8112099 and tube P/N: 097-500-0. Balanced wheel assembly. Serviced wheel bearings. Installed new left brake linings, P/N: 066-10500. Cleaned, inspected, resealed, and reinstalled left main brake caliper. Bled brakes. Conditioned brakes per Cleveland service instructions. Rotated right main tire on wheel, balanced and reinstalled. Installed new cotter pin in nose fork spindle nut. Inspected oxygen system components for condition and security per Aerox (ICA). Inspected TKS system for component condition and security. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check, weight 660.6 grams. Serviced oxygen. Secured pitch trim motor on mounting flange with Loctite on screws and set screws. Aligned rudder / aileron interconnect arm, deflection within limits. Repositioned right cabin door threaded rod to prevent rubbing on door. Adjusted crew seat back break-over pins to fully engage in the fully reclined position, operational check satisfactory. Adjusted crew seat recline control. Completed composite repair of elongated right main pant axle bolt hole. Removed previous repair on nose pant left side skirt and completed a composite repair to small crack. Installed right wheel fairing inboard support bracket P/N: 17205-002. Replaced lower cowl aft close-out seal. Installed new cowling aft flange seal. Replaced one nut plate on nose of cowling. Installed new LED right wing tip lights P/N:01-0771733-11, S/N: 02279. Installed new LED left wing tip lights P/N: 01-0771733-12, S/N: 022545. Installation completed in reference to Whelen installation instructions. The installation was completed as a minor alteration. Removed right pant service door, cleaned and lubricated hinge, adjusted piano hinge and reinstalled. Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due July 2019.** Complied with **Cirrus SA 18-06 / AmSafe SB501583-25-01 (Inertial Reels)** by applying torque seal to inertial reel fasteners. Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin. No defects noted. **Next upper gusset plate inspection due Hobbs Time: 1909.0.** AD's checked through Biweekly 2018-16. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

L. John Wells L. John Wells A&P 3221132 IA w/o 39186

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Straight Flight

A SUBSIDIARY OF SIERRA NEVADA CORPORATION

LOG ENTRY


REPAIR STATION #: OMKR399L
E.A.S.A. 145.5994
13251 E. CONTROL TOWER ROAD
ENGLEWOOD, CO 80112
(303) 799-8906

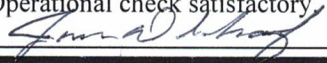
06 November 2018 Hobbs: 1839.1

(N8146L) Straight Flight Inc has performed the following: 1) Repaired impact damage to the Lower RH Wing Skin adjacent to the Tie-Down Bracket in accordance with Cirrus Field Repair# FRA00011528. 2) Replaced LH & RH Wing Tie-Down Rings with new P/N 37230-001 and Grommets with new P/N MS35489-12. 3) Painted repaired areas.

Release Statement:

Straight Flight Inc hereby certifies that all the above modifications, repairs and/or maintenance have been accomplished in accordance with Straight Flight Inc Inspection Procedure Manual, 14 CFR's governing the operation of this equipment, referencing the standard practices in AC43.13-1B, all required drawings, and the Cirrus Design Corp SR22 Maintenance Manual. Information on these repairs, maintenance and/or modifications are on file under project# 9701.


Harry M. Grinton, Inspector, Straight Flight Inc, FAA CRS #OMKR399L

ARAPAHOE AERO			
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N8146L	Cirrus	SR22	S/N: 0680
24 January 2019	Hobbs Meter: 1848.7		
Straightened copilot door lower latch pin rod. Tightened baggage door lock tumbler screw and applied Loctite. Operational check satisfactory.			
 Jason Daniel Schaaf A&P 3551738			w/o 39786

	SUB-TOTAL this page
	TOTAL-Carry forward to next page