

AIRFRAME / AIRCRAFT LOG # 2

CIRRUS SR22 TURBO NB146L

THE **adlog** AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N8146L

Aircraft Mfg. CIRRUS AIRCRAF Model SR22 Serial No. 0680

Engine Mfg. TCM 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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(631) 765-0375

Page No.

Date: 10/11/2011; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1182.9; Total Time: 1182.9

---Airframe Work---
Serviced oxygen system to 1850 psi. Serviced tires. Leak check good.
All work performed in accordance with approved/current technical data

Craig Miller
AP3530065

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

JG WORK

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE: N8146L
Swapped #1 and #2 GNS-430W's and reconfigured as required. Systems ramp check satisfactory.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 5/29/12 HOBBS: 1228.7 WO#: AV12-11269 SIGNED:

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE N8146L Pilot PFD

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

Madison, WI 53704

608-268-5006

| | | | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|----|-------------------------|----|--|-----|-----|
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER MAKE: Avidyne MODEL: 700-00006-000 S/N: D1260 | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | 38 | 50% Max | 0 | | | |
| Actual ± Ft. | 0 | 0 | 0 | X | X | X | X | X | Temp | 65 | 40% Max | 0 | BLIND ENCODER MAKE: ACK MODEL: A-30 S/N: 85840 | | |

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET.
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
CERTIFIED TRANPONDER SYSTEM PER FAR 43 APP. F.

TRANPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 06/1/2012 W.O.: AV12-11269 HOBBS: 1228.7 Signed:

SUB-TOTAL this page

| DATE | TOTAL TIME IN | TACH OR RECORDING METER | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK | | | | | | | | | | | | |
|--|---------------|-------------------------|---|-----|-----|-----|-----|-----|-------------|-----|-------------------------|-----|--|-----|-----|
| | | | ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE N8146L Stby Altimeter | | | | | | | | | | | | |
| Wisconsin Aviation Inc. FAA CRS No. DBKR124D | | | Madison, WI 53704 | | | | | | | | | | 608-268-5006 | | |
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | 0 | +15 | +10 | +15 | +15 | +20 | +20 | +25 | +20 | +10 | +5 | +15 | +10 | +15 | +20 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | 38 | 50% Max | 20 | MAKE: United MODEL: 5934PA-3 S/N: 444364 | | |
| Actual ± Ft. | +35 | +45 | +80 | X | X | X | X | X | Temp | 65 | 40% Max | 20 | BLIND ENCODER MAKE: ACK MODEL: A-30 S/N: 85840 | | |
| CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a) CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET. CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c). COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d). CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F. | | | | | | | | | | | | | #2 TRANSPONDER MAKE: X MODEL: X S/N: X | | |
| TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412 | | | | | | | | | | | | | The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service. | | |
| Date: 06/1/2012 W.O.: AV12-11269 HOBBS: 1228.7 Signed: <i>Ben Weber</i> | | | | | | | | | | | | | | | |

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE: **N8146L**

Swapped #1 and #2 GNS-430W's and reconfigured as required. Calibrated blind encoder to specs. Performed Avidyne PFD air data unit calibration. Ramp checked in accordance with biennial. Checked satisfactory.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 6/1/2012 HOBBS: 1228.7 WO#: AV12-11269 SIGNED: *Ben Weber*

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
 (608) 268-5006 (608) 268-5038 FAX

Date: 6/01/2012; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1228.7; Total Time: 1228.7; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1228.7; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 377.5
Airframe Work

VG WORK

Completed an Annual inspection in accordance with FAR 43, Appendix D.
AD 11-13-03 (1/24/12) Turbo debris inspection, not applicable by turbo serial numbers. Complied with SB 2X-27-16R1 Flap actuator modification by installing kit p/n 70255-001. Complied with SB 2X-32-19R2 NLG Assembly inspection, no defects noted, next due 1328.7 ACTT. Completed inspection for continued airworthiness for Tornado Alley Turbo System. Completed inspection for continued airworthiness for Aerox O2 System, no defects noted. Replaced O2 service port valve core p/n 302DN with new. ICA TAT - 450 hr "V"-band clamp replacement by replacing "V"-band clamps p/n 11-1100023 with new, next due 1678.7 ACTT. ICA TAT - Replaced magneto pressure filter p/n 1396-2 with new. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 6/2013. ELT battery due 3/2017. Replaced #2 batteries p/n 50979-001 with new, next due 06/2014 or 1728.7 ACTT. Replaced right brake hose (5 yr item) p/n 50555-72 with new. Bled brakes and serviced brake reservoir. Cleaned, inspected and oiled induction air filter using recharger kit CP99-5050. Inspected and weighed cabin fire extinguisher, no defects noted. Serviced oxygen system to 2000 psi. Replaced right exhaust manifold p/n 22-6850003 with new. Installed manifold with new gasket kit p/n MGKC. -Continued-

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Date: 6/01/2012; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1228.7; Total Time: 1228.7; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1228.7; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 377.5
-Continued- ***Airframe Work***

Replaced slave (Right) wastagate control arm pin p/n ms20392-1c19 with new. Replaced left main tire with new p/n 072-449-0, s/n 9248W00182. Replaced right main tire with new p/n 072-449-0, s/n 1033S00512. Replaced left and right main tire inner tubes p/n 302-246-401 with new. Cleaned, inspected and repacked wheel bearings. Reinstalled left and right main wheel and tire assemblies. Replaced left and right brake cylinder o-rings p/n 101-34500 with new. Installed decal kit p/n 70227-002. Bled brakes and serviced brake reservoir. Replaced left wheel pant bracket p/n 17205-001 with new. Replaced landing gear fairing welnuts p/n 50803-001 as needed with new. Replaced right reading light p/n 50491-002 with new. Replaced left passenger reading light switch p/n 12457-002 with new. Replaced nose gear thrust washer p/n 50545-001 and nut p/n MS17826-8 with new. Set nose gear fork swivel friction torque. Replaced compass correction card. Replaced crankcase breather hose p/n 50555-072 with new. Ground run for ops and leak ck good. All work performed in accordance with approved/current technical data.

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

Timothy Woods
A&P 399480038 IA
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HOBBS 1250.4
TOTAL 1250.4
TSOH ----
DATE 8/22/2012

AIRCRAFT MAINTENANCE & REPAIR
FALCON FIELD - MESA, AZ

REG # N8146L
A/C # 22-0680

REMOVE FAILED #2 ALTERNATOR AND INSTALL NEW #2 ALTERNATOR, PART NUMBER BC410-1, SERIAL NUMBER 12118217K. OPS TEST AND APPROVE FOR RETURN TO SERVICE.

Mark Torzeger A/P: 3207874

TOTAL brought forward from previous page

Date: 8/16/2012; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1228.7; Total Time: 1228.7

Airframe Work

Serviced new Gill battery p/n G243, s/n G02728971 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Operational check normal.

All work performed in accordance with approved/current technical data.

Eric Nelson

AP3615101

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Date: 9/24/2012; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1260.3; Total Time: 1260.3

Airframe Work

Cleaned and applied Stabilant 22 to MP sender connector pins and baffle connector pins. Functional check normal.

All work performed in accordance with approved/current technical data.

Timothy Woods

A&P 399480038 1A

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Date: 9/26/2012; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1262.4; Total Time: 1262.4

Airframe Work

Serviced oxygen system to 1950 psi. Leak check normal.

All work performed in accordance with approved/current technical data.

Eric Nelson

AP3615104

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Date: 3/12/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1269.7; Total Time: 1269.7

Airframe Work

Verified tire pressures with P.O.H. Serviced oxygen system to 1850 psi, and charged battery. Cleaned, inspected and operated TKS system, no evidence of leaks. Operational and leak check normal.

All work performed in accordance with approved/current technical data.

Eric Nelson

AP3615101

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Date: 4/04/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1269.7; Total Time: 1269.7

Airframe Work

Complied with SB 2X-71-11R1 electrical connector sealing by installing electrical connector kit p/n 70136-001.

Ran aircraft and adjusted manifold pressure. Operational check normal.

All work performed in accordance with approved/current technical data.

John Podgorski

AP35315931A

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003

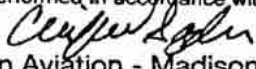



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SUB-TOTAL this page

TOTAL-Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|------------------------------|---|
|------|-----------------------|------------------------------|---|

Date: 5/03/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1275.8; Total Time: 1275.8
*****Airframe Work*****
 Inspected manifold pressure indication system wiring and connectors including P110 at firewall and at gauge, no defects noted. Applied Stabilant 22 to connectors. Inspected oil pressure wiring and connectors including P100 at firewall and plug at gauge. Replaced pin p/n 50165-001 in P100 connector and reattached connector. Ground run normal.
 All work performed in accordance with approved/current technical data.
 Clifford Sugden
 A&P26599941A 
 Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003

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 Watertown, WI 53094
 920-261-4567

WISCONSIN AVIATION FOUR LAKES, INC.


DESCRIPTION OF WORK DONE: **N8146L**
 Removed DFC 90 autopilot computer p/n: 700-00170-0000 s/n: M103917983 and installed exchanged DFC 90 computer p/n: 700-00170-000 s/n: 1025A70858. Updated aircraft wiring for autopilot flap interface per Avidyne DFC 90 release 2 service bulletin #601-00170-007. Updated PFD software from ver. 8.0.3 to ver. 8.0.6 in accordance with Avidyne SB #601-00006-111. System ramp check satisfactory.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 7/16/13 **HOBBS:** 1295.9 **WO#:** AV13-12330 **SIGNED:** 

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D
 (608) 268-5006 (608) 268-5038 FAX

Date: 7/24/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1295.0; Total Time: 1295.0; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1295.0; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 443.8
*****Airframe Work*****
 Completed an Annual inspection in accordance with FAR 43, Appendix D. AD 12-10-52 (6/26/12) Turbo center housing oil passage inspection, not applicable by turbo part numbers. AD 12-24-09 (10/20/12) Turbine wheel head and shaft inspection, not applicable by engine model number or turbo part numbers. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 07/2014. ELT battery due 03/2017. ELT Hex ID# ADCC40147000261. Complied with SB 2x-27-12R1 Control yoke freeplay by installing kit p/n 70124-001. Complied SB 2X-32-19R3 by performing visual inspection of nose landing gear assembly, no defects noted, next due 1395.0 ACTT. Complied with Cirrus SB 2X-77-04R1 MAP/Oil pressure sensor replacement by installing kit p/n 70264-002. Complied with for Aerox O2 inspection for continued airworthiness. No defects noted. Serviced O2 system to 2000 psi. Completed inspection for continued airworthiness of Aerox O2 System, no defects noted. Completed inspection for continued airworthiness of Tornado Alley Turbo System, no defects noted. Removed parachute assembly BRS p/n 10011/Rev. c, (CDC p/n 15046-062), s/n 987, Canopy color Orange/White, MFG date 07/03. Removed Cirrus rocket motor p/n 15047-001, s/n 01035, MFG date 08/03. -Continued-
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DESCRIPTION OF WORK PERFORMED -
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL TIME IN SERVICE

TACH OR RECORDING METER TIME

TOTAL brought forward from previous page

Date: 7/24/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1295.0; Total Time: 1295.0; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1295.0; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 443.8
-Continued- ***Airframe Work***
Installed parachute assembly CDC p/n 15046-002S, s/n 00865R1 packed by PC# 338CE. Canopy color Orange/White. Repack due 06/05/2023. Installed Cirrus rocket motor p/n 25363-001 and Cirrus rocket base and igniter p/n 26602-001, s/n 1438. MFG date 06/24/2013. Expiration date 06/24/2023. Reinstalled CAPS reefing line cutters, due 12/2014. Complied with Cirrus SB 2X-95-12 CAPS CMM line cutter rigging illustration error during install of reefing line cutters. Complied with Cirrus SB 2X-95-13 CAPS strap inspection and installed grommet p/n MS21266-1N and -6N. Inspected and weighed cabin fire extinguisher, no defects noted. Cleaned and serviced induction air filter. Replaced nose gear steering friction washer p/n 50545-001 with new. Cleaned and adjusted co-pilots seat breakover pins. Removed, cleaned and reinstalled fuselage belly heat shields. Removed, cleaned and resecured right lower wing root fairing. Replaced TKS tank p/n 15269-002 with new. Resecured TKS lines in belly of aircraft. Ground run for operational and leak check normal. All work performed in accordance with approved/current technical data.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
John Podgorski
AP35315931A



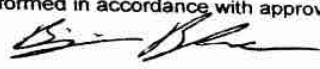
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920-261-4567

Date: 8/20/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1326.1; Total Time: 1326.1
Airframe Work
Replaced TIT probe p/n 86245 with new. Functional check normal.
All work performed in accordance with approved/current technical data.

Benjamin Brake
AP 3223985



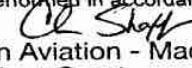
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920-261-4567

Date: 11/04/2013; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1356.2; Total Time: 1356.2
Airframe Work
Reinstalled manifold pressure gauge p/n 13558-001(m/n 22-8850001), s/n 1496 after repair by Tornado Alley, Inc. Replaced manifold pressure sensor p/n 12635-001 with new. Repaired left magneto p-lead shield ground wire at pin 27 in plug P100 at firewall. Ground run for operational check normal.
All work performed in accordance with approved/current technical data.

Chris Shaffer
AP 321524 JA



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3606 Corben Court
Madison, WI 53704
608-268-5003



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DATE

IN SERVICE

METER TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

Date: 4/25/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1369.1; Total Time: 1369.1

Airframe Work

Serviced oxygen system to 2000 psi. Replaced pilots push to talk switch p/n 50339-001 with new. Inspected engine compartment for oil leak, no leaks noted.

All work performed in accordance with approved/current technical data.

Chris Shaffer
AP 321524 IA

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Date: 7/09/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1402.1; Total Time: 1402.1; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1402.1; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 550.9
Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.

AD 13-21-02 (11/13/13) Turbine wheel head and shaft weld inspection, not applicable by engine model number or turbo part numbers. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 07/2015. ELT battery due 03/2017. ELT HEX ID ADCC401470 00261. SB 2X-27-16R2 Flap actuator modification, previously complied with in accordance with SB 2X-27-16 R1, no further action required for SB 2X-27-16R2. Complied with Cirrus SB 2X-32-19R3 by performing visual inspection of nose landing gear upper gusset assembly, no defects noted, next due 1502.1 ACTT. CAPS Reefing Line Cutters replacement due 12/2014. Completed inspection for continued airworthiness for Aerox O2 System, no defects noted. Completed inspection for continued airworthiness for Tornado Alley Turbo, no defects noted. Replaced #2 batteries p/n 50979-001, next due 1902.1 ACTT or 07/2016. Inspected and weighed cabin fire extinguisher, no defects noted. Cleaned, inspected, and serviced induction air filter. Serviced oxygen system to 1850 psi. Resecured rear map light assemblies. Isolated and secured instrument air ducts from cabin heat lever. Replaced nose wheel pant upper right Aerotect piece with new. Fabricated and installed new forward left engine baffle attach bracket. Fabricated and installed patch on engine left baffle at rear mount. Ground run for operational and leak check normal. All work performed in accordance with approved/current technical data.

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

John Podgorski
AP3531593IA

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WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Updated #1 and #2 GNS-430W Main software to v5.10 per Garmin SB 1403 Rev B and GPS to v5.0 per SB 1317 Rev A. Ramp check good.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 7/9/14 HOBBS: 1402.3 WO#: 21554AV SIGNED:

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

SERVICE

METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE****N8146L**Wisconsin Aviation-Four Lakes Inc.
FAA CRS No. DBKR124DPFD
Madison, WI 53704

608-268-5006

| | | | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|----|----------------------------|----|---|-----|-----|
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 15 | 15 | 15 | 15 | 15 | 15 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | 8 | 50% Max | 0 | MAKE: Avidyne MODEL: EXP5000 S/N: D1260 | | |
| Actual ± Ft. | 15 | 15 | 15 | X | X | X | X | X | Temp C | 19 | 40% Max | 5 | | | |

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7/9/14

W.O.: 21554AV

Hobbs: 1402.3

Signed: 

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 97361

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X**ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE****N8146L**Wisconsin Aviation-Four Lakes Inc.
FAA CRS No. DBKR124DSthby
Madison, WI 53704

608-268-5006

| | | | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|----|----------------------------|----|--|-----|-----|
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | -10 | 5 | 0 | 10 | 5 | 15 | 20 | 20 | 15 | 5 | 0 | 0 | 5 | 10 | 15 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | 8 | 50% Max | 30 | MAKE: United MODEL: 5934PA-3 S/N: 444364 | | |
| Actual ± Ft. | 25 | 45 | 75 | X | X | X | X | X | Temp C | 19 | 40% Max | 25 | | | |

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7/9/14

W.O.: 21554AV

Hobbs: 1402.3

Signed: 

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 97361

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

SUB-TOTAL this page

TOTAL - Carry forward to next page

1. Approving Civil Aviation Authority/Country:
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
AOS09042014-01

4. Organization Name and Address:
Aviation Oxygen Systems, Inc. 206 Ossipee Trail, Limington, Maine 04049 (PQ2091NE)

5. Work Order/Contract/Invoice Number:
RS090314-1

| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: |
|----------|--------------------------|-----------------|--------------|--------------------|
| 1 | Regulator Valve Assembly | 4110-140-1 | 1 | 13611 |

11. Status/Work:
New

12. Remarks:

Airworthiness Approval

Rebuilt (altered) to original PAH specifications in accordance with 14 CFR § 43.3(j).

This Regulator Valve Assembly is a subcomponent of a FAA PMA article per Supplement 1.

Drawing: 4110-140, Revision: F, Dated: 12/03/2013

Rec'd 9/08/14

*NB146L
WOB 21702
DISC# 1
MNI4-15776*

INSTALLED: 9/12/14

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval/Authorization No.:
903332645

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed):

Gary A Rexrode

13e. Date (dd/mmm/yyyy):
04/Sep/2014

14d. Name (Typed or Printed):

14e. Date (dd/mmm/yyyy):





User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

SUB-TOTAL this page

| DATE | TIME IN SERVICE | RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------|----------------------|--|
| TOTAL brought forward from previous page | | | |
| | | | <p>Date: 7/25/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1411.7; Total Time: 1411.7 ***Airframe Work*** Cleaned and lubricated oxygen control cable. Inspected system. Tightened fitting at bottle outlet. Replaced pilot and copilots oxygen manifold p/n 4110-400-2 with new. Serviced Oxygen to 1800 psi. Functional and leak check normal. All work performed in accordance with approved/current technical data. John Podgorski AP3531593IA <i>John Podgorski</i></p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>  <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p> |
| | | | <p>Date: 9/12/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1447.0; Total Time: 1447.0 ***Airframe Work*** Replaced O2 bottle regulator p/n 4110-140-1, s/n 13611 with new. Reinstalled oxygen bottle after hydrostatic test, next due 09/2019. Replaced copper oxygen fill line. Serviced oxygen system to 2000 psi. Functional and leak check normal. All work performed in accordance with approved/current technical data. Craig Miller AP3530065 <i>Craig Miller</i></p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>  <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p> |
| | | | <p>Date: 9/25/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1449.2; Total Time: 1449.2 ***Airframe Work*** Removed MCU100, p/n 14500-002, s/n /sn 02851. Installed new MCU120 p/n 16600-011, s/n 02037. Ground run for functional check normal. Checked wheel pant security and serviced tires. All work performed in accordance with approved/current technical data. Jared Portz AP 3558320 <i>Jared Portz</i></p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>  <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p> |
| | | | <p>Date: 12/16/2014; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1451.3; Total Time: 1451.3 ***Airframe Work*** Removed CAPS system reef line cutters p/n 12020. Installed new reef line cutters p/n 25347-002 left s/n 7260 and right s/n 7374. Reef line cutters manufacture date 10/2014. All work performed in accordance with approved/current technical data. John Podgorski AP3531593IA <i>John Podgorski</i></p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p>  <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p> |

DATE TIME IN SERVICE RECORDING METER TIME DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

Date: 3/06/2015; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1451.5; Total Time: 1451.5
 Airframe Work

Removed and charged battery. Reinstalled battery. Serviced tires with air. Performed run-up and general walk around of aircraft. Operational check normal.
 All work performed in accordance with approved/current technical data.

Robert Kulp

AP3593428

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 3/23/2015; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1464.3; Total Time: 1464.3
 Airframe Work

Disassembled oxygen bottle compartment in baggage area. Checked oxygen control cable for binding or obstructions, no obstructions noted. Removed oil pressure hose and transducer. Cleaned and reinstalled. Added stabilizer to electrical connector. Ground run operational and leak check normal.
 All work performed in accordance with approved/current technical data.

Robert Kulp

AP3593428

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

| | | | | |
|----------|--------------|---|--------|---------------|
| REG # | N8146L | Signature TECHNICAL 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT | DATE | 4/29/2015 |
| MODEL | Cirrus SR-22 | | W/O | STP-15-024417 |
| SERIAL # | 22-0680 | | HOBBS | 1473.2 |
| | | | AC TT | |
| | | | CYCLES | |

- Removed and replaced oil pressure sensor with new P/N 12635-004 IAW Cirrus SR22 M.M. Chap. 79. Operational and leak check completed and found good at this time/date.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 4/29/2015

SIGNED *Thomas W. Thunstrom* CRS YRJR826K
 Thomas W. Thunstrom CRS YRJR826K

Date: 4/23/2015; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Total Time: 1451.5

Airframe Work

Visually inspected the exhaust system, no defects noted. Cleaned engine and cowling. Performed functional and leak check, normal.

All work performed in accordance with approved/current technical data.

Timothy Woods

AP3645564 IA

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

SUB TOTAL

| 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 | | |
| | Date: 7/20/2015; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1495.9; Total Time: 1495.9; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1495.9; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 644.7 ***Airframe Work*** | | |
| | Completed an Annual inspection in accordance with FAR 43, Appendix D. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 07/2016. 15-Digit HEX ID: ADCC40147000261. Country Code: 366. ELT battery due 03/2017. Completed inspection for continued airworthiness Aerox Oxygen System, no defects noted. Inspected and weighed cabin fire extinguisher, no defects noted. Cleaned, inspected and serviced induction air filter. Complied with SB 2X-32-19R3 by visual inspection of upper gusset plate, no defects noted. Nose gear strut fillet weld Approved Repair already installed. Next due 1595.9 ACTT. Replaced Aileron-rudder interconnect shock cord p/n 12983-001 with new. Next due 07/2020. Removed crankcase vent line from left exhaust and removed blockage from exhaust pipe fitting. Reattached vent line. Replaced erosion tape p/n 09-20140 on left wheel pant and both leg fairings as needed. Ground run operational and leak checks normal. All work performed in accordance with approved/current technical data. | | |
| | I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. | | |
| | Clifford Sugden <i>Clifford Sugden</i> AP26599941A | | |
| | <input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 | | <input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 |
| | Date: 3/05/2016; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1540.1 ***Airframe Work*** | | |
| | Complied with aircraft walk-a-round. Serviced tires, checked brake reservoir, serviced oxygen, charged and serviced battery. Light check normal. Operational check normal. All work performed in accordance with approved/current technical data. | | |
| | Martin McCauley <i>M. McCauley</i> AP36545521A | | |
| | <input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 | | <input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 |

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Calibrated blind encoder. See biennial for leak check

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 7-29-2016 HOBBS: 1597.9 WO#: MN16-23601AV SIGNED: *[Signature]*

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

SUB-TOTAL this page

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N8146L

Wisconsin Aviation-Four Lakes Inc.
FAA CRS No. DBKR124D

PFD
Madison, WI 53704

608-268-5006

| | | | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|----|-------------------------|----|--|-----|-----|
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER MAKE: Avidyne MODEL: EXP5000 S/N: D1260 | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | OK | 50% Max | 0 | | | |
| Actual ± Ft. | 10 | 10 | 10 | X | X | X | X | X | Temp C | 22 | 40% Max | 0 | | | |

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7-29-2016 W.O.: MN16-23601AV Hobbs: 1597.9 Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 97361

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N8146L

Wisconsin Aviation-Four Lakes Inc.
FAA CRS No. DBKR124D

Stby
Madison, WI 53704

608-268-5006

| | | | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|----|-------------------------|----|---|-----|-----|
| Test Alt. x 1k Ft | -1 | 0 | .5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| Tol. ± Ft. | 20 | 20 | 20 | 20 | 25 | 30 | 30 | 35 | 40 | 60 | 80 | 90 | 100 | 110 | 120 |
| Actual ± Ft. | 5 | 15 | 15 | 10 | 10 | 20 | 20 | 20 | 20 | 5 | 5 | 5 | 5 | 15 | 20 |
| Test Alt. x 1k Ft | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | Case Leak | OK | Hysteresis Tol + 75 Ft. | | ALTIMETER MAKE: United MODEL: 5934PA-3 S/N: 444364 | | |
| Tol. ± Ft. | 130 | 140 | 155 | 180 | 205 | 230 | 255 | 260 | Tol. 100 Ft | OK | 50% Max | 30 | | | |
| Actual ± Ft. | 30 | 50 | 80 | X | X | X | X | X | Temp C | 22 | 40% Max | 30 | | | |

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (25) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83714412

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date: 7-29-2016 W.O.: MN16-23601AV Hobbs: 1597.9 Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 97361

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

SUB-TOTAL this page

Date: 8/03/2016; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1597.6; Total Time: 1597.6; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1597.6; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 746.4
 Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 08/2017. 15-Digit HEX ID: ADCC40147000261. Country Code: 366. ELT battery due 03/2017. Complied with SB 2X-32-19R3 by visual inspection of upper gusset plate, no defects noted. Nose gear strut fillet weld Approved Repair already installed. Next due 1697.6 ACTT. Completed inspection for continued airworthiness of Tornado Alley Turbo system, no defects noted. Complied with Tornado Alley Turbo Inspection for Continued Airworthiness for 3 yr magneto pressure filter replacement by replacing filter p/n 04-67000015 with new. Completed inspection for continued airworthiness for Aerox oxygen system, no defects noted. Replaced cabin fire extinguisher (12 yr service life) p/n RTA600 with new. Next due 08/2028. This complies with cabin fire extinguisher weight check, next due 8/2017. Complied with Cirrus SB 2X-28-12R1 Electric fuel pump inspections, no defects noted. Inserted Temp Rev 15-27 into POH. Complied with 500 hr engine mount bolt torque check, next due 2097.6 ACTT. Complied with battery capacity check, passed at 98%. Top charged and reinstalled battery. Complied with TAT - SI08-01 Crankcase breather tube inspection. Cleaned out breather tube at the exhaust. No other defects noted. Complied with TAT - SI08-04 Cabin heat augments inspection, no defects noted. Complied with TAT - SI08-05 Induction Air Filter recharge, next due 08/2017 or 1697.6 ACTT. Complied with TAT - SB09-01 Exhaust manifold inspection, no defects noted. -Continued-

VG WORK

 Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 8/03/2016; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1597.6; Total Time: 1597.6; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1597.6; Prop - Type: PHC-J3YF-1N, S/N: FP7287B, Time: 746.4
 -Continued- ***Airframe Work***

Complied with TAT - SB10-01 Alternate air door annual inspection, no defects noted. TAT - SB10-02 Tail pipe hanger inspection previously complied with on 5/19/2011 @ 1118.0 ACTT. New style tailpipe hangers left p/n 22-6200045 and right p/n 22-6200036 installed. No further action per SB required. Continue standard inspection intervals in accordance with TAT ICA. Complied with TAT - SI11-01 Exhaust slip-joint inspection, no defects noted. Complied with TAT - SB11-04 Turbo oil inlet screen inspection, no defects noted. Replaced bracket by left intercooler p/n 22-5850003 with new. Cleaned and installed chafe tape on left and right flaps at center attach point. Replaced left main tire with new, p/n 072-449-0, s/n 1232S00382. Replaced right main tire with new, p/n 072-449-0, s/n 4289S00208. Cleaned, inspected and repacked wheel bearings. Reinstalled left and right main wheel and tire assemblies. Replaced right brake caliper o-rings p/n 101-34500 with new and installed new over-temperature sensing sticker p/n 51698-003. Replaced all (6ea) nose landing gear bumpers p/n 13386-001 with new. Applied stabilant to baffle connector for Analog tach gauge, ops check normal. Ground run operational and leak checks normal. All work performed in accordance with approved/current technical data.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Chris Shaffer
 AP32185241A

Chris Shaffer

 Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567