

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Circus Design MODEL SR-22 DATE OF MFG. 9-03
SERIAL NUMBER 0680 REGISTRATION NUMBER N8196L

REGISTERED OWNER
STREET ADDRESS
CITY, STATE, ZIP
OPERATOR
STREET ADDRESS
CITY, STATE, ZIP
REGISTERED OWNER
STREET ADDRESS
CITY, STATE, ZIP
OPERATOR
STREET ADDRESS
CITY, STATE, ZIP

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER


DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	CONTINENTAL MOTORS	EO-550-027	R 913910 L
ENGINE			R L
PROPELLER	HARTCELL PROPELLER INC.	PRC-337-1R F1694	EP2524B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		4.4 7-13-03	Searched AD's through bi-weekly issue <u>200314</u> . All AD's are in compliance at this time.			 LEAD 30

Date: 9/27/2006; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 625.30; Total Time: 625.30

**** Service Bulletin Log Entry **** Log ID 2147

- Complied with SA06-04, elevator gap, by installing .032 shim on left elevator and .095 shim on right elevator to achieve .100 or greater gap in accordance with SA06-04 and SR22 AMM 55-20 2.A.(4).
- Complied with AD 06-07-06 and SB 2X-28-04 R1, fuel line chafing by installation of kit p/n: 70133-001.
- Complied with SB 2X-25-17 R) crew seat breakover pins, by installation of improved crew seat breakover pins p/n: 70130-001.
- Complied with SB 2X-27-12, elevator torque tube free play, no action taken due to no free play exists.
- Verified previous compliance with SB 2X-25-05 R1, seat plugs, by installation of kit p/n: 70064-002.
- Complied with SB 2X-32-14 R1, main gear fairing inspection hole, by modification of wheel pants and installation of kit p/n: 70144-001.
- Complied with SB 2X-52-04, cabin door strut modification, by installation of kit p/n: 70167-001.
- Complied with SB 2X-53-02, baggage strap adapter, by installation of 4ea strap adapters p/n: 17109-001.
- Work performed in accordance with applicable AD's, service bulletins, service advisories, and Cirrus SR22 service manual.

Stuart Wright
A&P 397987227 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

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
------	------------	-------------------	---------------	------------------	----------------	--------------------------------------

WISCONSIN AVIATION FOUR LAKES, INC.

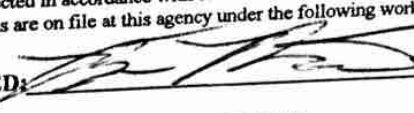
N# 8146L

DESCRIPTION OF WORK DONE:

Installed KX-99A com adapter s/n 855 in armrest storage compartment. Tested and found to meet manufacturer's specs.

-----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: 9/16/04 TACH: _____ W.O.# 4829 SIGNED: 

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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Complied with Garmin Service Bulletins #0303 and #0309 and #0402. Garmin GNS-430 #1 and #2 ramp checks good. Garmin GTX-327 operations checks good in accordance with FAR 43 Appendix F.

-----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: 10/19/04 HOBBS: 261.1 WO# 4941 SIGNED: _____

Gar Walsh

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

N8146L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. SYSTEM TRACKING REG. NO:	
		US Department of Transportation Federal Aviation Administration			5. WORK ORDER, CONTRACT, OR INVOICE NO: 4939	
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	EX-5000	700-00004-006	VAR	1	1861	Comp
13. REMARKS Updated software and condisural as per Avidyne SB# ^s						601-00004-036 601-00004-030
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New Newly Overhaul <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 o Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: <i>[Signature]</i>		21. Certificate Number: 2610288
17. Name (typed or printed):		18. Date:		22. Name (typed or printed) Brian Riese		23. Date: 10-19-04
<p align="center">Airworthiness Approval Tag User/Installer Responsibilities</p> <p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 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 under/installer before the aircraft may be flown.</p> <p align="right">*Optional installer must cross check eligibility with applicable technical data.</p>						

N8146L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO:		
		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 4941		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
	XPDR	011-00490-00	VAR	1	83714412	Comp
13. REMARKS Updated software to v2.07						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New Newly Overhauled <input type="checkbox"/>			19. Return to Service in Accordance with FAR 43.9 o			
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature		21. Certificate Number: 2610288
17. Name (typed or printed):		18. Date:		22. Name (typed or printed) Brian Riese		23. Date: 10-19-04
Airworthiness Approval Tag User/Installer Responsibilities						
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.						
Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.						
Statements in block 14 and 19 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 under/installer before the aircraft may be flown.						
*Optional installer must cross check eligibility with applicable technical data.						

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Complied with Cirrus SB 2X-23-06 details include installing the XM Weather Radio System interfaced to the existing MFD. Tested system and found to meet manufacturer's specs.

-----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.

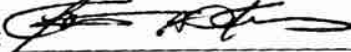
DATE: 10/21/04 TACH: _____ W.O.# 4939 SIGNED: 

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

MAKE: **CIRRUS**
MODEL: SR 22
S/N: 0680
Registration: N 8146 L

DATE: 6-3-05
A/C TSN:
TACH 367.4 H665 hrs

Updated MFD software to Rev. 3 IAW Avidyne S.E. 601-00004-045 Dated 11 Jan 2005, EX5000, 530-00162-000 Rev 03 Field Loadable Software Upgrade. I have reviewed the file on aircraft listed above and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance Identified was repaired/inspected in accordance with the current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Certified Repair Station No. CRS YD5R855Y

SIGNED:  A&P 2656290

RADIO & ELECTRONIC CHECKS

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Removed, updated software as per Garmin SB# 0423 to GTX-327 s/n 83714412. Ramp checked in accordance with Part 43 Appendix F. Installed current main and GPS software to #1 and #2 GNS-430(s) as per Garmin's Service Bulletin # 0502 and 0515. Installed Avidyne SB# 601-00004-035 to install Cmax. Also installed customer supplied chart database. Ramp checked 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: 07/14/05 HOBBS 375.5 WO.# 6063 SIGNED: _____


Gar Walsh

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

N 8146 L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO:		
		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 6063		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
4	EX-5000	700-00004-006	T B D	1	1861	Comp
13. REMARKS Complied with Airdyne SB# 601-00004-035						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhaul <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met			19. Return to Service in Accordance with FAR 43.9 o Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: <i>[Signature]</i>		21. Certificate Number: 2610258
17. Name (typed or printed):		18. Date:		22. Name (typed or printed) Brian Riess		23. Date: 7-14-05
Airworthiness Approval Tag User/Installer Responsibilities						
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.						
Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.						
Statements in block 14 and 19 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.						
*Optional installer must cross check eligibility with applicable technical data.						

N 8146L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. SYSTEM TRACKING REG. NO:	
		US Department of Transportation Federal Aviation Administration			5. WORK ORDER, CONTRACT, OR INVOICE NO: 6063	
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	GTX-327	011-00490-00	TBD	1	83714412	Comp
13. REMARKS Upload software V2.08; ops check good.						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhaul <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 o Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: 		21. Certificate Number: 2610288
17. Name (typed or printed):		18. Date:		22. Name (typed or printed) Brian Riese		23. Date: 7-13-05
Airworthiness Approval Tag User/Installer Responsibilities						
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 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. *Optional installer must cross check eligibility with applicable technical data.						

8146L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. SYSTEM TRACKING REG. NO:	
		US Department of Transportation Federal Aviation Administration			5. WORK ORDER, CONTRACT, OR INVOICE NO: 6293	
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	GNS-430	011-00280-10	TBD	1	77115974	Comp
13. REMARKS Updated to Mod 7 as per Garmin SB # 0532						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhaul <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 e Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: <i>Ryan Walsh</i>		21. Certificate Number: DBKR124D
17. Name (typed or printed):		18. Date:		22. Name (typed or printed) Ryan Walsh		23. Date: 10-12-05
<p style="text-align: center;">Airworthiness Approval Tag User/Installer Responsibilities</p> <p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer 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 parts/components assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 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. *Optional installer must cross check eligibility with applicable technical data.</p>						

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
9-19-03	24.4	Repositioned + secured left rear seat back fabric covering for improved appearance IAW standard maint. practices, Touched up paint on cam locks IAW standard maint. practices, Touched up paint on LH MLG fairing IAW standard maint. practices, Serviced deice fluid Tank with 2.9 gallons TKS fluid 80 IAW MM 12-10, Serviced IP metering pump IAW MMR 30-05, Removed fuel stains from NLG wheel pant IAW standard maint. practices, Removed moisture from static lines and performed Pitot Static leak check IAW FAR 91.411 and standard maint. practices, Removed and replaced boost pump P/N 11839-001 S/N on 1118 IAW MM 28-20	
		Pertinent details are on file at this Agency under W.O.#: <u>242-09-2003</u> Date: <u>9-19-03</u> Signature: <u>[Signature]</u> Cirrus Design Factory Service Center YD5R855Y, Duluth MN	

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
--------------------	--------------------------	---	---

DATE: 10-20-2003
 N# 8146L
 MODEL: SR-22
 S/N: 0680

AIRFRAME LOG ENTRY

ACTT: 52.8
 HOBBS: 52.8

ETT: 52.8
 ETSO: s new
 PTT: 52.8
 PTSO: s new

Installed Reiff Corp. Turbo XP engine heater, FAA-PMA No. PQ2585CE, in accordance with installation instructions. Installation of this heater system is considered a minor installation and does not require further documentation. Weight change is negligible. An operational check was completed, no defects were noted. Travis Schwienc A&P494948824

Travis Schwienc

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



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

AIRFRAME LOG ENTRY

DATE: 12-29-03
 N# 8146L
 MODEL: SR-22
 S/N: 0680

ACTT: 98.6
 HOBBS: 98.6

ETT: 98.6
 ETSO: s new
 PTT: 98.6
 PTSO: s new

Serviced oxygen tank with 2200 psi, aviators breathing oxygen. Serviced TKS de-ice system with 3 gallons, TKS 80 de-ice fluid, per 12-10 F SR-22 Maintenance manual. Primed system, purged system per instructions of SR-22 Pilots Operating Handbook. Inspected flaps for overspeed per SR-22 Maintenance Manual 5-50 2(B) overspeed inspection checks, no structural defects were noted at this time. An adjustment was made to rudder trim to aid in excessive rudder inputs, per SR-22 Maintenance Manual 27-20 Par I. Steven Johnson A&P397604650

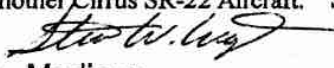

Steven Johnson

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



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

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
		AIRFRAME LOG ENTRY DATE: January 13, 2004 ACTT: 111.5 ETT: 111.5 N# 8146L HOBBS: 111.5 ETSO: SNEW MODEL: Cirrus SR-22 TACH: N/A PTT: 111.5 S/N: 0680 PTSO: SNEW Installed AIRWOLF FILTER CORP., AIR/OIL SEPARATOR per installation instructions AFC-W347. Completed installation per instructions of Cirrus Maintenance Manual and AC 43.13-1B/2A. Continued Airworthiness instructions were installed in Aircraft Flight Manual. Weight and Balance, along with Equipment list revisions were completed for this Installation. A one time field approval was granted for this aircraft following similar installation on another Cirrus SR-22 Aircraft. Stuart Wright A&P397987227 <div style="text-align: center; margin-top: 5px;">  </div>	
		<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
			

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
--------------------	--------------------------	---	---

AIRFRAME LOG ENTRY

DATE: 04-27-04

N# 8146L

MODEL: SR-22

S/N: 0680

ACTT: 157.4

HOBBS: 157.4

ETT: 157.4

ETSO: s new

PTT: 157.4

PISO: s new

Complied with SA04-1 and SB 2X-32-07 by inspection of brake lines, no defects noted at this time. Complied with S.B. 2X-27-08 by installation of kit p/n 70067-002 and lubing pitch cartridge. Installed wiring kit p/n 70074-001 per Cirrus instructions and drawings. Replaced passenger entrance interior door handle with new p/n 12856-002. Checked and serviced aircraft battery has needed. All work was performed in accordance with Cirrus maintenance manuals.
Travis Schwica AP494943324

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



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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Complied with Cirrus Service Bulletin #SB2X-34-05. System ops check good in accordance with FAR 43 Appx. F.

-----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: 4/22/04 HOBBS: 157.4 W.O.# 4387 SIGNED: Ryan Walsh

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

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
--------------------	--------------------------	---	---

AIRFRAME LOG

DATE: 06-10-04	ACTT: 183.7	ETT: 183.7	
N#: 8146L	TACH: N/A	ETSO: New	
MODEL: SR22	HOBBS: 183.7	PTT: 183.7	
S/N: 0680		PTSO: New	

Complied with S.B. 2X-55-10 horizontal stabilizer inspection hole close out, by installation of covers. Removed and Replaced SIU p/n 14843-001 s/n 1016 installed. Ground operational check good
Stuart Wright 397987227AP

Stuart Wright

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: 10-12-2004	ACTT: 255.4	ETT: 255.4	
N #: N8146L	HOBBS: 255.4	ETSO: SNEW	
MODEL: CIRRUS DESIGN SR22		PTT: 255.4	
S/N: 0680		PTSO: SNEW	

Annual inspection completed this date in accordance with Cirrus Design SR22 Maintenance Manual 5-20 Scheduled Maintenance Checks. Replaced engine induction filter, installed P/N BA-24 Bracken air filter, due each year, 200 hrs. or when 50% or more covered by foreign material. Replaced front seat belts, installed new P/N 504907-407-8060, S/N 21JAN-49 and 21JAN04-35, operational check good. Replaced right passenger door upper latch pin receiver, installed new receiver, P/N 10498-003. Adjusted door per aircraft maintenance manual Chapter 52-10 para 2(c), function check good. Replaced right main landing gear fairing inboard bracket, installed P/N13524-002 bracket. Removed, cleaned, inspected brakes and repacked all wheel bearings. Installed wheel pant service door Modification, per DJ2 Designs Drawing No. 11988. Installed Aerox Oxygen System in accordance with Aviation Oxygen Systems, Inc. Drawing No. 4110-100, Rev. A, Dated June 19, 2004 or later FAA-approved revisions, through STC SA00199BO. Aviation Oxygen Systems, Inc. Supplement No. 1, was


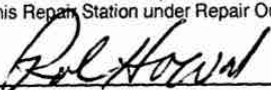
CONT ON NEXT PAGE →

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
←	<i>CONT. FROM PREVIOUS PAGE</i>		
		<p><i>placed in Cirrus Design Aircraft Flight Manual.</i></p> <p>Complied with FAR 91 207(d) by inspection of ACK ELT Model E-01, Function check of "g" switch was Completed, no defects noted, next due October 2005. ELT batteries due March 2011.</p> <p>Complied with SB 2X-25-08 by adjusting crew seat break over bolt on both seats per Cirrus SB Instructions.</p> <p>Complied with SB 2X-25-06R1 by adjusting break over pin and installing seat recline lock kit P/N 70084-001 in right and left seats per Cirrus SB Instructions, operational check good.</p> <p>Complied with SB 2X-95-07 by installing CAPS bulkhead 222 placard, p/n 70068-001 per SB instructions.</p> <p>Complied with SB 2X-32-08R1 by installing plastic spacers and inspecting brake lines for defects, none noted.</p> <p>An AD review was completed, no airframe AD'S apply at this time. There are NO recurring appliance AD due at this time. Post operational check was completed with no defects noted at this time.</p> <p>"I certify that this aircraft has been inspection accordance with a Annual inspection and has been determined to be in airworthy condition." <i>Steve Johnson A&P397604650LA</i></p>	
		<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
		 	

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
		<p>Date: 3/18/2005, Aircraft: N8146L **** Airframe Log Entry **** ID 338</p> <p>MAKE: Cirrus Design ACTT: 309.5 ETT: 309.5</p> <p>MODEL: SR-22 TACH: -N/A- ETSO: SNEW</p> <p>S/N: 0680 HOBBS: 309.5 PTT: 309.5</p> <p>YEAR: 2003 OFFSET: - 0 - PTSO: SNEW</p> <p>Replaced left inboard flap hinge fairing, p/n 15065-404 per Cirrus AMM 27-50. Function check good.</p> <p>James Bennett A&P 2809547</p>	
		<p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison</p> <p>3606 Corben Court Madison, WI 53704 608-268-5003</p>	<p><input type="checkbox"/> Wisconsin Aviation - Watertown</p> <p>1741 River Drive Watertown, WI 53094 920-261-4567</p>
		<p>MAKE: Cirrus  Howard Aviation, Inc.</p> <p>MODEL: SR22 Repair Station No. TO3R874L</p> <p>S/N: 0680 1401 Fairplex Drive</p> <p>REG. NO: 8146L La Verne, CA 91750</p> <p>WORK ORDER: Phone: 909-593-2596</p> <p>15430-05-2005</p>	<p>DATE: 5/6/2005</p> <p>A/C TSN:</p> <p>TACH: 123.6</p> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; margin-top: 10px;"> <p>TACH 341.6 CORRECTED</p> </div>
		<p>Airframe Entries</p> <p>Removed cowling to access master electronic control unit, replaced field control module P/N 14605-001 alternator 1 and annunciator control module P/N 14610-002. Test ran engine, charging system appears normal.</p> <p>The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 15430-05-2005.</p>	
		<p>DATE: 5/6/2005 SIGNED: </p> <p>Robin Howard Work Order: 15430-05-2005</p> <p>Certified Repair Station No. TO3R874L Printed by EBis 3 (datcomedia.com)</p>	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	DESCRIPTION												
	<p style="text-align: right;">**** Airframe Log Entry **** ID 586</p> <p>Date: 6/ 1/2005, Aircraft: N8146L</p> <table style="width: 100%; border: none;"> <tr> <td>MAKE: Cirrus Design</td> <td>ACTT: 364.5</td> <td>ETT: 364.5</td> </tr> <tr> <td>MODEL: SR-22</td> <td>TACH: -N/A-</td> <td>ETSO: SNEW</td> </tr> <tr> <td>S/N: 0680</td> <td>HOBBS: 364.5</td> <td>PTT: 364.5</td> </tr> <tr> <td>YEAR: 2003</td> <td>OFFSET: - 0 -</td> <td>PTSO: SNEW</td> </tr> </table> <ol style="list-style-type: none"> 1. Complied with SB 2X-57-05 R1 by placing large area washers under heads of bolts and inspecting gap between outboard aileron hinge per SB instructions and Cirrus Design AMM Chapter 57-50. 2. Complied with SB 2X-25-07 R2 by installation of dual inertia seat reel, seat belt kits, 70076-001-8060, Pilot seat p/n 4104-1-011-8060, s/n 02FEB05-225 Copilots seat p/n 4104-1-011-8060, s/n 02 FEB05-122 per SB instructions and Cirrus Design AMM Chapter 25-10. Function check good. A weight increase of 2 lbs. resulted from this installation, see Weight & Balance revision completed for this installation and placed in Pilots Operating Handbook. 3. Complied with SB 2X-28-03 R1 in installation of fuel selector valve extension sleeve kit, p/n 70097-001 per SB instruction and Cirrus Design AMM Chapter 28-20. 4. Replaced #4 & #6 cylinder EGT sensors, p/n 14554-001 per Cirrus Design AMM Chapter 77-20, function check good. 5. Replaced slinger ring, slinger ring bolts, nuts and washers along with o-rings p/n 14554-001 per Cirrus Design AMM Chapter 30-60, function check good. 6. Replaced landing light lens, p/n 15205-001 per Cirrus Design AMM Chapter 33-40. 7. Replaced Master Control Unit (MCU), p/n 4600-002 (MCU100) s/n 02851 & current sensor, p/n 14604-001 per Cirrus Design AMM Chapter 24-30, function check good. 8. Replaced landing light ballast, p/n LSM-500-200-128 Rev A, s/n 9994 per Cirrus Design AMM Chapter 33-40, operational check good. <p>Steven Johnson <i>Steven Johnson</i> A&P 397604650</p> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003</p> <div style="text-align: center;">  </div> <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p>	MAKE: Cirrus Design	ACTT: 364.5	ETT: 364.5	MODEL: SR-22	TACH: -N/A-	ETSO: SNEW	S/N: 0680	HOBBS: 364.5	PTT: 364.5	YEAR: 2003	OFFSET: - 0 -	PTSO: SNEW
MAKE: Cirrus Design	ACTT: 364.5	ETT: 364.5											
MODEL: SR-22	TACH: -N/A-	ETSO: SNEW											
S/N: 0680	HOBBS: 364.5	PTT: 364.5											
YEAR: 2003	OFFSET: - 0 -	PTSO: SNEW											

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
		<p>Date: 7/21/2005, Aircraft: N8146L, Type: SR22, S/N: 0680, Hobbs: 375.5, Tach: 0.0, Total Time: 375.5, Engine - Type: , S/N: , Time: 375.5, Prop Type: , S/N: , Time: 375.5 **** Airframe Log Entry **** ID 758</p> <p>Repaired lower engine cowl per instructions from Cirrus Design Repair Deviation No. R7671, sheets 1-4. Practices defined in Cirrus Design Maintenance Manual Chapter 51, Section 20 were used for this repair. Replaced left inboard flap hinge fairing, P/N 15065-404 per Cirrus Design AMM Chapter 27-50. Replaced right aileron gap seal per Cirrus Design AMM Chapter 20. Repinned wiring harness assembly for landing light, p/n 20247-103 per Cirrus Design AMM Chapter 33-40. Replaced alternate air tube support, p/n 15196-001 per Cirrus Design AMM Chapter 71-60, function check good. Serviced oxygen with Aviators breathing oxygen to 1800 PSI.</p> <p>Martin McCauley A&P 339544666 <i>Martin McCauley</i></p>	

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



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

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
--------------------	--------------------------	---	---

ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N8146L
1 ALTIMETER

Wisconsin Aviation-Four Lakes, Inc.
FAA CRS No. DBKR124D 608-268-5006

3606 Corben Ct.
Madison, WI 53704

	-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	0	0	0	0	0	0	0	0	0	0	-10	-15	-10	-10
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	16	Hysteresis Tol + 75 Ft.		#1 ALTIMETER		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	10	MAKE: AVIDYNE MODEL: 15222-001 S/N: D1260		
Actual ± Ft.	-20	X	X	X	X	X	X	X	Temp C	14	40% Max	10			

CERTIFIED ALTIMETER PER FAR 43 APP. E. TO 20K FT.
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a)(1).
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a)(c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL: GARMIN 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: 9-15-05

W.O.: 6232

Signed:

Ryan Walsh

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 85840

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

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
--------------------	--------------------------	---	--

ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE N8146L

#2

Wisconsin Aviation-Four Lakes, Inc.
FAA CRS No. DBKR124D 608-268-5006

3606 Corben Ct.
Madison, WI 53704

	-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	+5	+5	+5	+5	+5	+5	+5	0	-10	-20	-30	-30	-20	+20
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	16	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: UNITED MODEL: 12731-002 S/N: 432260		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	10			
Actual ± Ft.	+60	X	X	X	X	X	X	X	Temp C	14	40% Max	10			

CERTIFIED ALTIMETER PER FAR 43 APP. E. TO 20K FT.
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a)(1).
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a)(c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL: GRAMIN 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: 9-15-05

W.O.: 6232

Signed:

Brian Walsh

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 85840

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK PERFORMED BY
		<p>Date: 10/17/2005, Aircraft: N8146L, Type: SR22, S/N: 0680, Hobbs: 442.1, Total Time: 442.1, Engine - Type: Continental IO-550-N27, S/N: 913910, Time: 442.1, Prop Type: Hartzell PHC-J3YC, S/N: FP2524B, Time: 442.1</p> <p style="text-align: center;">**** Airframe Log Entry **** ID 1075</p> <p>Completed an Annual inspection in accordance with Cirrus Design SR22 inspection form and FAR 43 Appendix "D". AD 05-17-19 (10/03/05) complied with, log book review history shows SB A2X-25-08 was complied with on 10-12-2004 which meets the requirements of the AD, for the crew seat breakover bolt inspection, with no further action necessary. Complied with FAR 91.207(d) by ELT inspection and function check of "G" switch, no defects noted, function check good, per Cirrus Design SR22 AMM Chapter 25-60 next due October, 2006. ELT BATTERIES DUE REPLACEMENT 3/2012. Replaced engine induction air filter, p/n BA-24 Brackett filter per Cirrus Design SR-22 AMM Chapter 71-60. Replaced #2 batteries, p/n 50979-001, per Cirrus Design SR-22 AMM Chapter 24-30, due each 24 months, next due October 2007. Replaced TKS filter, p/n 15165-009 per Cirrus Design SR22 AMM Chapter 30-05. Serviced oxygen to 1800 psi of aviators breathing oxygen in accordance with Cirrus Design SR22 AMM Chapter 35-00. Installed SIU filter for Avidyne SB22, p/n 850-00007-201 per Cirrus Design SR22 AMM Chapter 77-30, function check good. TKS fluid line inspection revealed one line disconnected, reconnected line, operational check completed, good. Serviced TKS fluid in accordance with Cirrus Design SR22 AMM Chapter 30-05. Replaced rear seat reading light switch with new, p/n 12457-002 per Cirrus Design SR22 AMM Chapter 33-10, functional check good. Replaced grommets around VOR antenna in accordance with Cirrus Design SR22 AMM Chapter 43-50. Replaced heater inlet hose, p/n 14170-113 in accordance with Cirrus Design SR22 AMM Chapter 21-40. Replaced left wheel pant support bracket , p/n 13524-001 in accordance with Cirrus Design SR22 AMM Chapter 32-10. Adjusted and lubed pilot and co-pilot upper and lower door lever pin in accordance with Cirrus Design SR22 AMM Chapter 52.10, functional check good. Replaced (1ea.) right gear to wing fairing wellnut, p/n 10-32 short, in accordance with Cirrus Design SR22 AMM Chapter 32-10. Replaced right & left wheel brake linings p/n 066-10500 (4 ea.) in accordance with Cirrus Design SR22 AMM Chapter 32-42.</p>	

(continued on the next page)

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



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



Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115
 P.O. Box 582108 - Tulsa, OK 74158
 (918)836-6418 - Fax (918)832-0136
 FAA CRS CM2R747K
 Logbook Entry

Sold To: DEI Flight P.O. Box 187 Stoughton, WI 53589	Work Order: MA06-01455	Opened: 2/01/2006
	Acct Number: (608)575-4314	Closed: 2/01/2006
	Department: Maintenance	

Aircraft Number: N8146L	Type: SR22	S/N: 0680
Total Time: 0.0	Hobbs Time: 495.5	Tach Time: 0.0
Eng# Type S/N	Time Cycles Prop Type	Prop S/N Prop Time

Aircraft Comments:
2003 CIRRUS DESIGN CORP SR22

Discrepancy: 1

Problem:
#4 CHT indicates high to off scale high.

Action Taken:
Inspected probe leads connections to harness and found secure. Installed new probe to # 4 cylinder. Ground run up normal.

Note:
This Discrepancy is covered under warranty.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
14880-001	CHT Sensor Source Control		1.00	Each		\$

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified).

Autopilots Central, Inc.
FAA CRS CM2R747K

Authorized Signature _____

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
--------------------	--------------------------	---	---

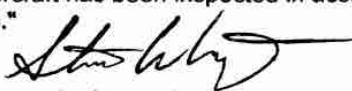
Date: 10/17/2005, Aircraft: N8146L _____ continued from previous page)

**** Airframe Log Entry **** ID 1076

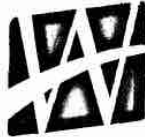
Replaced left main wheel bearings, p/n 13836 race, 13889 bearing in accordance with Cirrus Design SR22 AMM Chapter 32-41, serviced bearings with grease. Replaced pilots side door bushings, p/n 50580-001 (2 ea.) per Cirrus Design SR22 AMM Chapter 52-10. Replaced right and left upper wheel pant brackets, p/n 13522-001 per Cirrus Design SR22 AMM Chapter 32-10. Post ground run / leak check completed, no defects were noted.

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

Stuart Wright
A&P 3979872271A



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: 7/06/2006; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 581.70; Total Time: 561.70

**** Airframe Log Entry **** Log ID 1866

Complied with SB 2X-57-06 R1 by replacement of flap hinge fairings with kit p/n 16738-101 in accordance with SB instructions and Cirrus Design SR22 AMM Chapter 57-50. Functional and clearance check good. Serviced O2 in accordance with Cirrus SR22AMM.

James Bennett
A&P 2809547

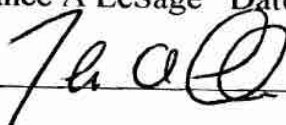
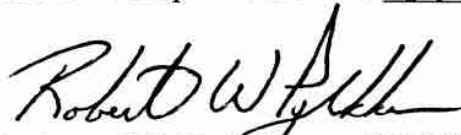


Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



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

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7 Sep 03	4.7	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Terrance A LeSage Date: <u>7 Sep 03</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
09-13-03	4.8 Hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>09 / 13 / 03</u>.</p> <p>The next inspection is due <u>09 / 30 / 04</u>.</p> <p><u></u></p> <p>Robert W. Pytko DMIR410075CE</p>

MAKE: Cirrus
MODEL: SR22
S/N: 0680
REG. NO: 8146L
WORK ORDER:
6945-07-2006



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3101

DATE: 7/18/2006
A/C TSN: 601.2
HOBBS: 601.2

DATE	AIRCRA F IN S

Airframe Entries

(1) Replaced Alt #2 splined drive coupling P/N 13565-020 and gasket P/N 653487. Done IAW CDC AMM 24-30. Ground ran operationally checks good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 7/18/2006

SIGNED: 

Taavi Korpi
Certified Repair Station No. YD5R855Y

Work Order: 6945-07-2006

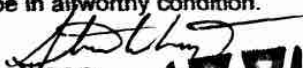

Printed by EBis 3 (datcomedia.com)

IR SERVICE



INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date: 9/27/2006; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 625.30; Total Time: 625.30 ***Airframe Log Entry*** Log ID 2144</p> <p>Performed an annual inspection in accordance with Cirrus SR22 service manual inspection form and FAR 43 Appendix D. Complied with cabin air control assembly 500 hr / 5 yr inspection, next due: 1125.3 ACTT or 9/2011. Removed #1 alternator p/n: 646843 s/n: 003HA009 and reinstalled following 500 hr inspection by Aircraft Systems Inc., CRS KC2R947K, W.O. 39180, dated 9/13/2006. Complied with 12 month fire extinguisher weight check, next due: 9/2007. Replaced 2ea left and right flexible brake lines p/n: 50555-072 with new, serviced and bled brake system. Replaced left throttle friction lock bolt clip p/n: AN416-1 with new. Replaced left step p/n: 10689-003 and right step p/n: 10689-004 with new, applied 2ea anti-skid decals p/n: 12683-006. Replaced 2ea flap "No Step" placards p/n: 12433-001 with new. Replaced left red nose wheel fairing stripe p/n: 12343-431 with new. Replaced 2ea landing light isolators p/n: 14502-001 with new. Replaced nose tire tube p/n: 092-308-0 with new. Replaced both main tire tubes p/n: 302-246-401 with new. Cleaned, inspected, and repacked all wheel bearings. Replaced left wheel pant bracket p/n: 17205-001 and right wheel pant bracket p/n: 17205-002 with new. Replaced firewall mounted cabin heat control box assembly p/n: 14116-002 with new and rigged controls. Checked torque of left gear leg lower 4 mounting bolts and applied torque seal. Filled elongated outboard hole of left wheel pant with fiberglass reinforcing material and redrilled hole, painted and blended to match. Found the following cracks: left horizontal stabilizer lower bond line, left horizontal stabilizer root cuff, left wingtip mounting flange, left flap closeout, and upper aft left door frame. Removed paint and filler, found cracks to be in filler only. Refilled, painted, and blended to match. Replaced engine induction air filter, p/n: BA 24 with new, next due: 825.3 ACTT, 9/2007, or when 50% or more covered by foreign material. Complied with FAR 91.207(d) by inspection of ELT and function check of G switch, next due: 9/2007. Ground run for ops and leak check good. Work performed in accordance with Cirrus SR22 service manual. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p>Stuart Wright A&P 397987227 IA </p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 </div> <div style="width: 10%; text-align: center;">  </div> <div style="width: 45%;"> <input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 </div> </div>



INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

INSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Removed ACK E-01 ELT system. Installed new ART EX ME406 ELT System per installation instructions p/n 570-1600 rev. A and 570-0023. TSO C126. Installed avionics cooling fan per Lone Star Instructions LS03-03016. Work was done in accordance with 43.13-1B chapter 11 and 43.13-2A chapter 1, 2, and 3. Removed, repaired, and reinstalled repaired autopilot computer p/n 01192-34-61T-30 s/n 5749. Complied with Cirrus SB 2X-22-03 R1 and SB2X-34-18. Revised weight and balance as needed. Removed MFD p/n 700-00004-006 s/n 1861. Updated to v6.1 iaw Avidyne SB601-00004-030 and 601-00004-056. Removed, rebuilt, and reinstalled PFD p/n 700-00006-000 s/n D1260. Leak checked iaw Part 43 Appendix E (a). Configured and performed mag calibration iaw Cirrus Sr-22 maintenance manual. Complied with Cirrus SA06-10 check list update. Updated #1 GNS-430 main software to v5.01 iaw Garmin SB0532. Removed transponder antenna, cleaned ground plane, and reinstalled. Transponder ramp checked iaw Part 43 Appendix F.

-----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: 9-26-2006 HOBB: 625.3 WO#: 7069 SIGNED: *Gary Walsh*

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

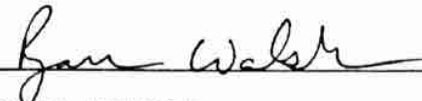
N# 8146L

Completed software upgrade to MFD to v 6.2.1 in accordance with Avidyne SB# 601-00004-074. Ramp 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: 4-2-2007 HOBBS: 599.9 WO#: 7457 SIGNED: _____



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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Completely seated autopilot computer into rack. Checked rest of avionics stack and tightened radios as necessary. Ramp 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: 4-27-2007 HOBBS: 668.7 WO#: 7514 SIGNED: _____



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

Date: 4/27/2007; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 668.50; Total Time: 668.50

**** Airframe Log Entry **** Log ID 2786

Complied with SB 2X-95-09 R1, CAPS strap abrasion inspection, by performing CAPS compartment retaining strap inspection and CAPS fuselage strap inspection, no defects noted. Installed left fuselage strap assembly protective sheath p/n: 70142-001. Complied with SB A2X-95-00R1 by replacing CAPS pickup collar support p/n: 70181-002 with new. Work performed in accordance with Cirrus Design SR22 maintenance manual and service bulletin instructions.

Tim McGuire
AP 473138392 IA

Tim McGuire A-P 473138392 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

SERVICE

Date: 5/30/2007; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 669.30; Total Time: 669.30

**** Airframe Log Entry **** Log ID 2883

Complied with Cirrus service bulletin 2X-77-02 R1, (engine temperature sensor modification), by installation of kit p/n: 70134-001. Replaced #6 cylinder CHT probe p/n: 14880-001 with new. Replaced pilot's door handle p/n: 14977-0036 with new. Replaced friction lock tube p/n: 10014-001 with new. Ground run for ops check good. Work performed in accordance with Cirrus SR22 maintenance manual and service bulletin instructions.

Stuart Wright
A&P 397987227 IA

Stuart Wright

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



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

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N8146L

PFD

Wisconsin Aviation-Four Lakes, Inc.
FAA CRS No. DBKR124D 608-268-5006

3606 Corben Ct.
Madison, WI 53704

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.	-7	-8	-8	-6	-6	-7	-6	-9	-4	-6	+2	+4	+3	+5	-5
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	44	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: 700-00006-000 S/N: 432260		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 420 Ft	OK	50% Max	28			
Actual ± Ft.	-6	X	X	X	X	X	X	X	Temp C	25	40% Max	21			

CERTIFIED ALTIMETER PER FAR 43 APP. E. TO 20K FT.
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a)(1).
PERFORMED TRANPONDER TEST REQUIRED BY FAR 91.413 (a)(c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.

TRANPONDER MODEL: Garmin 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: 24 Sept 2007

W.O.: 7795

Signed: *E. J. Rosen*

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 85840

#2 TRANPONDER

MAKE: XXX
MODEL: XXX
S/N: XXX

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N8146L STBY

Wisconsin Aviation-Four Lakes, Inc.
 FAA CRS No. DBKR124D 608-268-5006

3606 Corben Ct.
 Madison, WI 53704

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.	-7	+5	+6	+9	+14	+7	+9	+11	+11	+13	-20	-28	-16	+3	+28
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	44	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 432260		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 420 Ft	OK	50% Max	28			
Actual ± Ft.	+62	X	X	X	X	X	X	X	Temp C	25	40% Max	21			

CERTIFIED ALTIMETER PER FAR 43 APP. E. TO 20K FT.
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a)(1).
 PERFORMED TRANPONDER TEST REQUIRED BY FAR 91.413 (a)(c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.

TRANPONDER MODEL: Garmin 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: 24 Sept 2007

W.O.: 7795

Signed: *E. T. Penlock*

BLIND ENCODER

MAKE: ACK
 MODEL: A-30
 S/N: 85840

#2 TRANPONDER

MAKE: XXX
 MODEL: XXX
 S/N: XXX

INSPECTION RECORD

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Complied with Cirrus Service Bulletin 2X-34-06 R6. Removed XM/com ant. p/n CI2480-206 s/n 4083015. Installed new com ant. p/n CI-109 s/n 192046 and XM ant. p/n CI420-1 s/n 191525. Adjusted com #1 receiver squelch level. Systems ramp 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: 9-18-2007 HOBBS: 715.8 WO#: 7795 SIGNED: E. J. Podgorski

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

Date: 10/22/2007; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 715.80; Total Time: 715.80; Engine - Type: Continental IO-550-N27, S/N: 913910, Time: 715.80, SMOH: 715.80; Prop - Type: Hartzell PHC-J3YC, S/N: FP2524B, Time: 715.80, SMOH: 715.80

**** Airframe Log Entry **** Log ID 3404

Removed engine and propeller.

John Podgorski
AP349766925

John Podgorski

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



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

INSPECTION RECORD

Date: 3/03/2008; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 715.80; Total Time: 715.80; Engine - Type: Continental IO-550-N27, S/N: 913910, Time: 715.80, SMOH: 715.80; Prop - Type: Hartzell PHC-J3YC, S/N: FP2524B, Time: 715.80, SMOH: 715.80

Airframe Log Entry Log ID 3407

Performed an annual inspection in accordance with Cirrus SR22 maintenance manual inspection form and FAR 43 Appendix D. Complied with Cirrus SB 2X-27-14 R3, (rudder / aileron interconnect), by installation of kit p/n: 70197-001 and rigging check. AD 06-21-03 eff. 11/17/2006, (brake overheating), complied with by previous compliance with SB 2X-32-14 R1, see log entry 9/27/2006 @ ACTT: 255.4, replacement of brake o-rings, and verification of previous POH revision installation. AD 06-19-10 eff 10/24/2006, (crew seat breakover bolt and recline locks), previously complied with by compliance with SB 2X-25-17 R1 and 2X-25-06 R1, see log entries 9/27/2006 @ ACTT: 625.3 and 10/12/2004 @ ACTT 255.4. AD 07-14-03 eff. 8/16/2007, (CAPS pickup collar), previously complied with by compliance with SB A2X-95-10 R1, see log entry dated 5/30/2007 @ ACTT: 669.3. AD 07-24-13 eff. 12/04/2007, (wingtip moisture accumulation), is not applicable by aircraft serial number. Complied with FAR 91.207(d) by inspection of ELT and functional check of G switch, next due: 3/09. ELT battery replacement next due: 8/2011. Replaced ice protection system filter p/n: 15165-009 with new. Performed cabin fire extinguisher inspection and weight check. Replaced left and right brake caliper o-rings p/n: M83461/1-222 with new, resealed 4 each master cylinder fittings, bled and serviced brake system. Performed 6 month propeller lubrication. Replaced both #2 batteries p/n: 50979-001 with new. Replaced left and right step grab handles p/n: 10690-002 and anti-skid tape p/n: 12683-006 with new. Serviced, charged, and installed new #1 battery p/n: G-243 s/n: G02260892. Cleaned, inspected, and repacked all wheel bearings, reinstalled tire / wheel assemblies. Removed oxygen bottle p/n: 1270152-3 s/n: 281-13289 and reinstalled following hydrostatic test by Madison Recharging, next due: SEPT 2010. Replaced O2 line ferrule at bottle with new. Serviced oxygen system, leak check good.

Page 1 of 2

Date: 3/03/2008; Aircraft: N8146L; Type: SR22; S/N: 0680; Total Time: 715.80

Replaced left and right elevator torque tube to elevator bellcrank bolts and nuts with new. Blended and filled paint chip on pilots door, prepped and painted pilot's door. Removed paint / filler in upper fuselage near antennae, pilot door jamb, and right wing tip, inspected for damage to fuselage structure, none found. Filled, prepped, painted, and blended repair areas. Repaired left wheel fairing inner cover, prepped, and painted. Ground run for ops and leak check good. 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.

Martin McCauley
A&P 339544666 IA

M. McCauley

Page 2 of 2

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: 3/05/2008; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 715.80; Total Time: 715.80

**** Airframe Log Entry **** Log ID 3783

Installed kit p/n: 70190-003 in accordance with SB 2X-34-24 R1, (WAAS upgrade), instructions and referenced SR22 maintenance manual practices.

Steven Johnson

A&P 397604650 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

Date: 3/11/2008; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 715.80; Total Time: 715.80

**** Airframe Log Entry **** Log ID 3786

AD 2008-03-16 eff. 3/11/2008, rudder / aileron interconnect, was previously complied with by completion of Cirrus SB 2X-27-14 R3, (installation of kit p/n: 70197-001 and rigging check), see log entry dated 3/3/2008. Replaced landing light relay p/n: T9A51D12-24 and fuse holder p/n: 51134-001 with new, landing light ops check good.

Replaced oil temperature probe p/n: 52335-1 with new. Replaced fuel flow transmitter p/n: 15415-001 with new. Ground run for ops and leak check good. Work performed in accordance with approved / current technical data.

John Podgorski
AP349766925

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

INSPECTION RECORD
F.A.R. 43.11-91.409

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N#8146L

Removed #1 and #2 Garmin GNS-430's p/n: 011-00280-10 s/n 97112780 and 9775974. Modified units to p/n: 011-01060-40, reinstalled and configured per aircraft. Removed, modified and reinstalled Avidyne PFD p/n: 700-00006-000 s/n: D1260 and configured for aircraft. Complied with Cirrus SB 2x-34-24 R1, dual WAAS installation on PFD equipped aircraft. Removed #1 Garmin GPS antenna p/n: 011-00134-00 s/n: 59083979 and installed Comant GPS/XM antenna p/n: CI428-410 s/n: 216554. Removed #2 Garmin GPS antenna p/n: 011-00134-00 s/n: UNK and installed Comant GPS antenna p/n: CI428-200 s/n: 211992. Calculated new weight and balance. Installed new Flight Manual Supplement into POH. 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: 3/07/08

HOBB: 731.0

WO#: 8036

SIGNED: 

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

N 8146L

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
RMA # 9001158
5. Work Order/Contract/Invoice Number:
RMA # 9001158

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

2. Organization Name and Address:
Avidyne Corporation, 202 West Drive, West Melbourne, FL 32904

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	PFD	700-00006-000	N/A	1	D1260	Rebuilt

13. Remarks:
Return to service and meets approved TSO design. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 in accordance with 14 CFR 91.411

14. 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 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:
PT 3844 CE

17. Name (Typed or Printed):

18. Date (m/d/yy):

22. Name (Typed or Printed):

23. Date (m/d/yy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 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.

N 8146L

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO:		
		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 8199		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	EX-5000 MFD	700-00004-006	TBD	1	1861	Repaired
13. REMARKS Updated to Rev. 7 iaw Avidyne Doc. # 601-00004-077						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhaul <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 o Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
5. Signature		16. FAA Authorization No.:		20. Authorization Signature: Ryan Walsh		21. Certificate Number: DBKR124D
7. Name (typed or printed):		18. Date:		22. Name (typed or printed) Ryan Walsh		23. Date: 4-11-08
<p style="text-align: center;">Airworthiness Approval Tag User/Installer Responsibilities</p> <p>important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>where the user/installer 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.</p> <p>Statements in block 14 and 19 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 under/installer before the aircraft may be flown.</p> <p style="text-align: right;">*Optional installer must cross check eligibility with applicable technical data.</p>						

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Updated MFD EX-5000 p/n 700-00004-006 s/n 1861 to Rev. 7 in accordance with Avidyne Document number 601-00004-077. Ramp 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: 4-11-2008 HOBBS: 735 WO#: 8199 SIGNED: *Jan Walsh*

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

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

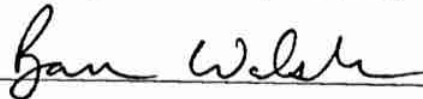
N# 8146L

Removed Avidyne PFD p/n 700-00006-000 s/n D1260. Reinstalled rebuilt PFD s/n D1260 in accordance with Global Alternative Method of Compliance (AMOC) Airworthiness Directive (AD) 2008-06-28R1, Docket Number Federal Aviation Administration (FAA) 2008-0340. Leak checked and configured in accordance with Cirrus maintenance manual. Ramp 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: 5-13-2008 HOBB: 731.3 WO#: 8229 SIGNED: _____

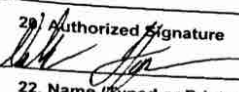


3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

N 8146L

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: WRK0122906	
4. Organization Name and Address:  MID-CONTINENT INSTRUMENT CO., INC 9400 E 34th ST. NORTH WICHITA, KS 67226-2615		5. Work Order/Contract/Invoice Number: WRK0122906			6. Item:	
7. Description: ALTIMETER 35K		8. Part Number: 5934PA-3A.184 5934PA-3	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: 444364	12. Status/Work: OVERHAUL

13. Remarks:
THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.
ALL WORK WAS PERFORMED REF. MANUAL # TM-5934 2 3/15/06
 The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 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.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature 	21. Approval/Certificate No.: FAA CRS OL2R061L
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): NICHOLAS HOWE	23. Date (m/d/y): May/27/2008

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 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 installer/user before the aircraft may be flown.

MID-CON...
 REFERRED
 AUTHORITY
 15

MID-CONTINENT INSTRUMENTS

Altimeter Scale
Correction Card

Altimeter S/N 444364
Part No. 5534PA-3A-184

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-4.015	15000	14,990
0	-2	16000	16,000
500	490	18000	18,000
1000	1,005	20000	20,015
1500	1,495	22000	22,050
2000	2,015	25000	25,035
3000	3,010	30000	30,075
4000	4,010	35000	35,130
5000	5,010	40000	/
6000	6,005	45000	
8000	8,590	50000	
10000	9,990	55000	
12000	11,990		
14000	13,995		

Tested By: LF# 744

Inspector: NJE

Date: 5-21-08

MID-CONTINENT INSTRUMENT CO. INC.
9400 E. 34th St. North
Wichita, KS 67226 USA
Tel 800-821-1212 • 316-630-0101
FAA Repair Station # OL2R061L

MID-CONTINENT INSTRUMENTS WEST
16320 Stagg Street
Van Nuys, CA 91406 USA
Tel 800-345-7599 • 818-786-0300
FAA Repair Station # OL2D061L

INSPECTION RECORD
F.A.R. 43.11-91.409

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Configured stormscope on MFD in accordance with Cirrus SR-22 Maintenance Manual.
Ramp 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: 5-14-2007 HOBBS: 668.7 WO#: 7543 SIGNED: _____

Gar Walsh

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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N#8146L

Removed L-3 Stormscope processor and reconfigured avionics setting accordingly. System ramp checks 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: 6/5/08 HOBBS: 742.1 WO#: 8328 SIGNED: _____

Gar Walsh

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

N 8146L

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

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

3. Form Tracking Number:
08-614490

4. Organization Name and Address:
**L-3 Communications Avionics Systems, Inc.
Repair Station Certificate No. NN2R037L
5353-52nd Street S.E.
Grand Rapids, Michigan 49512-9704**

5. Work Order/Contract/Invoice No.
614490

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
2	WX 500	805-11500-001	N/A	1	83688	INSPECTED

13. Remarks: **RETURN TO SERVICE**

Unit complies with pertinent Airworthiness Directives and Service Bulletins.

Unit was inspected, tested, and meets all specification requirements of Spec. No. 012-11500-001 Rev. Y Rev. date: **Mar. 13/2007**

Work completed on **Jun. 18/2008** by **M. Chase**

For work details see Service Work Report # **614490**

Note: This certifies that the work specified in Block 12/13 was carried out in accordance with EASA-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Certificate Number EASA.145.4260.

14. Certifies that 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 13.

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:
Mark Wright

21. Approval/Certificate No.:
NN2R037L

17. Name (Typed or printed):

18. Date (m/d/y):

22. Name (Typed or Printed):
MARK WRIGHT

23. Date (m/d/y):
JUN 18, 2008

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 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.

**INSPECTION RECORD
F.A.R. 43.11-91.409**

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N#8146L

Reinstalled, inspected and reinstalled L-3 WX-500 Stormscope processor p/n: 805-11500-001 s/n: 83688. System ramp checks satisfactory. Installed static port sump kit p/n: 70164-001 in accordance with Cirrus SB2X-34-22 R1. System leak checks satisfactory in accordance with Part 43 appendix E (a)(2).

-----**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: 6/26/08 HOBB: 742.1 WO#: 8341 SIGNED: *Jan Walsh*

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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N# 8146L

Removed stand by altimeter p/n 5934D-3 s/n 432260. Installed overhauled exchange 35K altimeter p/n 5934PA-3A.184 s/n 444364. Leak checked in accordance with Part 43 Appendix E (a).

-----**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: 9-5-2008 HOBB: 794.6 WO#: 8478 SIGNED: *Jan Walsh*

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

INSPECTION RECORD

F.A.R. 43.11-91.409

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

N8146L CIRRUS SR22-G1 SN: 0680 ACFT HOBBS: 854.2 FLIGHT: 854.2

TCM IO-550-N SN: 913910 ENG TT: 854.2 ENG TSMOH: N/A

AIRFRAME LOG BOOK ENTRY

28 MAR 2009

TORNADO ALLEY TURBO, INC.



INSTALLATION OF CIRRUS TURBO NORMALIZING SYSTEM KIT SERIAL NUMBER 3276, COVERED UNDER STC SA10588SC AND STC SE10589SC, IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS REPORT 22-6460001 DATED 8 OCT 2008 AND MASTER DRAWING LIST ETI-G2-1 REV G. SEE FLIGHT MANUAL SUPPLEMENT FOR OPERATION AND CONTINUED AIRWORTHINESS.

INSTALLED NEW TURBO PART NUMBER 466304-3 SERIAL NUMBER KKL00088 ON THE RIGHT SIDE.

INSTALLED NEW TURBO PART NUMBER 466304-3 SERIAL NUMBER KKL00110 ON THE LEFT SIDE.

INSTALLED NEW WASTEGATE VALVE PART NUMBER 477233-0003 SERIAL NUMBER IJK57-0003 ON THE RIGHT

SIDE. INSTALLED NEW WASTEGATE ASSEMBLY PART NUMBER 470842-0004 SERIAL NUMBER KHN00295 ON THE LEFT SIDE.

INSTALLED NEW MANIFOLD PRESSURE CONTROLLER PART NUMBER 470688-5 SERIAL NUMBER KLN00221.

INSTALLED NEW PRESSURE RELIEF VALVE PART NUMBER 470944-17 SERIAL NUMBER KGN00317.

INSTALLATION INCLUDES THE INSTALLATION OF A K&N INDUCTION AIR FILTER PART NUMBER 30-2022 AND MUST BE SERVICED ANNUALLY IN ACCORDANCE WITH K&N INSTRUCTIONS.

INSTALLATION INCLUDES THE ADDITION OF AN ALTERNATE AIR DOOR ASSEMBLY MAGNETICALLY OPERATED AND WITH "DOOR OPEN" INDICATOR ON THE LEFT UPPER INSTRUMENT PANEL.

INSTALLATION INCLUDES A TIT PROBE ON THE RIGHT SIDE OF THE ENGINE AND IS READ DIGITAL INDICATOR INSTALLED ON THE RIGHT INSTRUMENT PANEL.

INSTALLATION INCLUDES A MAGNETO PRESSURIZATION KIT FOR ALTITUDE OPERATION. THE FILTER REPLACEMENT IS DUE ANNUALLY.

MODIFIED FUEL BOOST SWITCH FOR TURBO SYSTEM OPERATION. MODIFIED EXISTING ANALOG FUEL FLOW GAGE FOR HIGHER FUEL FLOW READINGS.

MODIFIED EXISTING ENGINE BAFFLEING TO ACCEPT TWO INTERCOOLERS AND INCLUDED A MODIFIED #2 BAFFLE AND MODIFIED INNER CYLINDER BAFFLES.

ALL SUPPORTING DOCUMENTS ARE KEPT ON FILE AT THIS FACILITY.

RUN-UP, OP'S, AND LEAK CHECK OK.


DAVID R LANDRETH A&P 2651512 IA

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME
IN SERVICE

TORNADO ALLEY TURBO INC.
300 AIRPORT RD
ADA, OK 74820

AIRFRAME LOG BOOK ENTRY

29 MAR 2009



N8146L CIRRUS SR22-G1 SN: 0680 ACFT HOBBS: 854.2 FLIGHT: 854.2
TCM IO-550-N SN: 913910 ENG TT: 854.2 ENG TSMOH: N/A

PERFORMED SERVICE BULLETIN SB 2X-95-11 INSTALLATION OF TAIL BALLAST WEIGHT. THE WORK WAS
PERFORMED IN ACCORDANCE WITH SERVICE BULLETIN AND CIRRUS MAINTENANCE MANUAL. WEIGHT AND
BALANCE FORM UPDATED.

RUN-UP, OP's, AND LEAK CHECK OK.


DAVID R LANDRETH A&P 2651512 IA

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

N8146L CIRRUS SR22-G1 SN: 0680 ACFT HOBBS: 855.2 FLIGHT: 855.2

TCM IO-550-N SN: 913910 ENG TT: 855.2 ENG TSMOH: N/A

AIRFRAME LOG BOOK ENTRY

1 APRIL 2009



COMPLETED ANNUAL INSPECTION USING CIRRUS DESIGN CORPORATION SCHEDULED INSPECTION REPORT DATED 15 APRIL 2007 AS A GUIDE.

PERFORMED AIRWORTHINESS DIRECTIVE SEARCH USING AVANTEX DISC 2009-06

FOUND ALL AD'S PREVIOUSLY COMPLIED WITH, NOT DUE, OR NOT APPLICABLE.

PERFORMED 12 MONTH CABIN HEAT AND AIR DUCT INSPECTION, NEXT DUE APR 2010.

PERFORMED 12 MONTH HAND HELD FIRE EXTINGUISHER INSPECTION, NEXT DUE APR 2010.

PERFORMED 12 MONTH ELT OPERATION CHECK, NEXT DUE APR 2010. ELT BATTERY NOT DUE REPLACEMENT TIL AUG 2011.

PERFORMED 6 MONTH LUBE REQUIREMENTS.

ALL FLIGHT CONTROL RIGGING CHECKS PERFORMED PER MAINTENANCE MANUAL.

REPLACED BOTH MAIN GEAR TIRES WITH NEW PART NUMBER 072-449-0.

REPLACED LEFT MAIN WHEEL BEARINGS.

REPLACED LEFT FLEXIBLE BRAKE HOSE.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.



 DAVID R. LANDRETH A&P 2651512 IA

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

Date: 5/19/2009; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 884.40; Total Time: 884.40

Airframe Work ID 5191

Removed and replaced CAPS line cutters p/n 211512 dated 12/2014 and p/n 211512 dated 2/2015 per Cirrus CAPS line cutter replacement instructions. All work performed in accordance with Approved/Current Technical Data.

Steven Johnson
A&P 397604650 IA



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



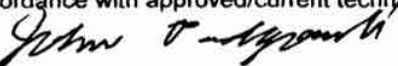
Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 7/16/2009; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 893.60; Total Time: 893.60; Engine - Type: Continental IO-550-N27, S/N: 913910, Time: 893.60, SMOH: 893.60

Airframe Work ID 5356

Removed cover from MCU. Removed alternator logic module. Found two bent pins and corrosion on pins. Straightened and cleaned. Installed alternator logic module and MCU cover. System ops checked good. All work performed in accordance with approved/current technical data.

John Podgorski
AP349766925IA



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



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

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	-----------------------------	---

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Performed software update to GNS-430W's #1 and #2 from 3.00, 3.0 to 3.30 and 3.2 per Garmin SB 0918 Rev A. Installed new FMS. System ramp checkssatisfactory.

-----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: 8/14/09 HOBB: 916.8 WO#: 9164 SIGNED: *E. T. Prud'homme*

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

Date: 11/05/2009; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 928.80; Total Time: 928.80
Engine Work

Changed oil and filter (CH48109-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak check good.

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

Kevin Emery *Kevin Emery*
AP 2723661

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



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

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

Date: 11/05/2009; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 928.80; Total Time: 928.80
Airframe Work

Removed loaner TIT guage p/n EGT-100-T, s/n 1236 and installed TIT gauge p/n EGT-100-T, s/n 1248, after rebuilt by J.P. Instruments, Inc., CRS# PT0862NM, Wo RMA 28326, dated 10/12/09. Removed cleaned and inspected left and right turbo oil flow check valves for proper operation. Installed new right turbo heat shield p/n ETI-G3-20-29. Cleared and sumped TKS system drain. Ground run for ops and leak check good.

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

Kevin Emery
AP 2723661 *Kevin Emery*

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



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

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

Date: 5/13/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 996.0; Total Time: 996.0; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 996.0; Prop - Type: HC-J3YF-1N, S/N: FP7287B, Time: 144.8
 Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 Complied SB 2X-05-01 by installing kit p/n 70227-002 (yellow and blue temperature stickers) on the brake calipers. Replaced brake caliper o-rings p/n 101-34500 with new. Bled brakes and serviced brake reservoir. P.O.H. revision ~~A9~~ includes required brake procedures. Next due on condition or 5/2015. Complied SB 2X-27-16, Flap Actuator Modification by installing kit p/n 70231-001. Rigged flap system and check flap travels. Complied SB 2X-32-19R2 NLG Assembly inspection by inspection. Completed approved repair by installing kit p/n 70238-001, next due 1096.0 ACTT. SB A2X-95-12 CAPS CMM Line cutters rigging illustration error, not applicable by reefing lin cutters not replaced between 11/1/2009 and 4/9/2010. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/2011. ELT battery due 08/2011. Completed inspection for continued airworthiness of Tornado Alley Turbos, no defects noted. Completed inspection for continued airworthiness of Aerox Oxygen system, no defects noted. Complied with 5 year replacement of Aileron-rudder interconnect bungee cord with new p/n 12983-001, next due 5/2015. Replaced #2 batteries p/n 50979-001 with new, next due 1496.0 ACTT or 05/2012. Inspected and weighed cabin fire extinguisher, no defects noted. Removed, cleaned, inspected and serviced induction air filter. Replaced TKS system filter p/n 26115-101 with new, next due 1496.0 ACTT or 5/2012.
 -Continued-

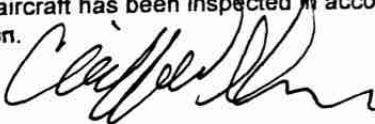

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



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

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date: 5/13/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 996.0; Total Time: 996.0; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 996.0; Prop - Type: HC-J3YF-1N, S/N: FP7287B, Time: 144.8 -Continued- ***Airframe Work***</p> <p>Revised POH by installing Revision A9. Replaced left intercooler baffle shelf p/n 22-5850005, right intercooler baffle shelf p/n 22-5850006 with new. Installed new engine oil grade placard p/n 14231-001 inside oil filler access door. Adjusted yaw trim cartridge for neutral position and checked rudder system rigging. Installed new "Grab Here" placards p/n 15735-001 on left and right bolster panels. Replaced pilots cup holder p/n 51178-001 with new. Replaced vertical stabilizer nav antenna rubber grommets p/n MS35489-20 with new and sealed to antennas. Partially removed oxygen bottle, removed 3 bottle mount floor inserts and inspected baggage floor at bottle mount points, reinstalled oxygen bottle with new hardware, and serviced oxygen system. Replaced the following Aerotect paint protection film pieces: left and right wing inboard leading edges, left and right main wheel pant root leading edges and left and right gear leg upper fairing leading edges. Removed left wing tip and aileron. Replaced left aileron actuating arm bearings p/n MS27641-3 with new. Reinstalled left aileron and wing tip. Replaced nose fork wheel fairing brackets p/n 11799-003 with new. Adjusted left and right turbocharger heat shields to eliminate rubbing. Replaced right side turbo oil return check valve p/n CV-257A-15 with new. Ground run for operational and leak checks good. All work performed in accordance with approved/current technical data.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p>Clifford Sugden A&P2659994IA</p> <div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court 2 Madison, WI 53704 608-268-5003</p> </div> <div style="width: 10%; text-align: center;">  </div> <div style="width: 45%;"> <p><input type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567</p> </div> </div>

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

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.	-8	5	5	5	5	5	5	5	5	5	10	10	5	10	10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: 700-00006-0 S/N: D1260		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	10			
Actual ± Ft.	10	10	10	X	X	X	X	X	Temp C	20	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 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: May 14, 2010 W.O.: AV10-9628

Signed:

BLIND ENCODER
MAKE: ACK
MODEL: A-30
S/N: 85840

#2 TRANPONDER
MAKE: X
MODEL: X
S/N: X

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

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.	15	5	0	5	5	10	15	10	10	0	-5	0	0	-5	0
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United 35K MODEL: 5934PA-3 S/N: 444364		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	20			
Actual ± Ft.	10	30	60	X	X	X	X	X	Temp C	20	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.

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 85840

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

#2 TRANSPONDER

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.

MAKE: X
MODEL: X
S/N: X

Date: May 14, 2010

W.O.: AV10-9628

Signed:

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

Date: 8/06/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 1039.5; Total Time: 1039.5
 Airframe Work

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

Scott Campbell
 AP 3241590

Scott Campbell

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



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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Removed EX-5000 MFD p/n 700-00004-006 s/n 1861. Installed warranty exchange p/n 700-00004-008 s/n 20024057. Installed Aerotect cover on display. Configured for aircraft systems. Updated both #1 and #2 Garmin Gns-430W Nav data, terrain, and obstacle databases. Updated EX-5000 chart database to current. Ramp 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: 9-2-2010 HOBBS: 1056.6 WO#: AV10-9854 SIGNED: _____

Baron Welsh

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

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME IN SERVICE

Date: 9/24/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 1069.3; Total Time: 1069.3

Airframe Work

Reinstalled oxygen cylinder after hydrostatic test and regulator after overhaul by Aerox Aviation Oxygen Systems CRS# , Wo# 092210-11, 9/17/10. Serviced oxygen system to 1850 psi. Operational and leak check good. O2 bottle hydro next due 9/2015. O2 regulator overhaul next due 9/2015.

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

Joshua Vanterpool
AP2817060

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: 10/29/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 1077.5; Total Time: 1077.5

Airframe Work

Replaced right brake caliper o-rings p/n 101-34500 with new. Bled brake and serviced reservoir. Replaced right brake linings p/n 066-10500 with new. Operated aircraft to brake in linings. Operational checks good.

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

Scott Campbell
AP 3241590

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



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

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Removed 55X A/P p/n 01192-34-61T-30 s/n 5749 . Installed DFC90 A/P p/n 700-00170-000 s/n M103917983 in accordance with Avidyne STC SA00296BO. Removed PFD p/n 700-00006-000 s/n D1260. Installed (Modified) PFD p/n 700-00006-000 s/n D1304. Ramp checked in accordance with Part 43 Appendix E (a). Configured for aircraft systems. Installed in aircraft Avidyne Instructions for Continued Airworthiness Document AVDFC-030, DFC90 Airplane flight manual supplement, Primary flight display release 8 pilot guide addendum and the DFC series pilot's guide. FAA Form 337 completed. Weight and balance change negligible. Ramp and flight 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. Pertnent details are on file at this agency under the following work number.

DATE: 10-29-10 HOBBS: 1077.5 WO#: AV10-10014 SIGNED: *Barry Walsh*

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

Date: 12/27/2010; Aircraft: N8146L; Type: SR22; S/N: 0680; Hobbs: 1089.0; Total Time: 1089.0

Airframe Work

Complied with Tornado Alley Turbo ICA by clean and service induction air filter.

Complied SB 2X-32-19R2 by inspection of the nose gear system, no defects noted, next due 1189.0 ACTT.
Reinstalled #6 exhaust header p/n ETI-SR22 103-3, after repair by Dawley Aviation, CRS# NJ5R069N, WO# 102897, dated 12/22/10.

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

Scott E. Yeager
A&P262535793IA



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



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

2/27/11

INSPECTION RECORD

F.A.R. 43.11-91.409

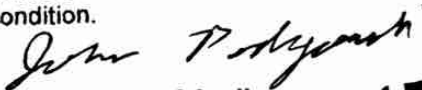
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	---

Date: 5/19/2011; Aircraft: N8146L; Type: CIRRUS SR22; S/N: 0680; Hobbs: 1118.0; Total Time: 1118.0; Engine - Type: IO-550-N27 Turbo STC, S/N: 913910, Time: 1118.0; Prop - Type: HC-J3YF-1N, S/N: FP7287B, Time: 266.8
*****Airframe Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D. Completed SB 2X-32-19R2 NLG Assembly inspection and reinforcement, no defects noted next due 1218.0 ACTT. Complied with TAT SB10-02 by replacing left hand tail pipe support bracket with new p/n 22-6200045 and replacing right hand tail pipe support bracket with new p/n 22-6200039. Replaced ELT battery p/n 452-6499 with new, next due 3/2017. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/12. Completed inspection for continued airworthiness for Tornado Alley Turbo System, no defects noted. Completed inspection for continued airworthiness for Aerox O2 System, no defects noted. Completed cabin air control assembly inspection (5yr / 500 hr), no defects noted. Inspected and weighed cabin fire extinguisher, no defects noted. Cleaned, inspected, and re-oiled induction air filter. Replaced TKS filter hose ferrules p/n 15164-022 with new. Replaced TKS filter hose o-rings p/n 15164-092 with new. Replaced TKS "T" fitting o-rings in fuselage under left aft seat p/n 15164-092 with new. Replaced #1 alternator logic module p/n 14610-002 with new. Serviced oxygen system to 1800 psi. Removed, cleaned, lubricated, and reinstalled pitch trim cartridge. Checked control surface travels. Completed 500 hr retorquer of lower engine mount bolts at firewall. Completed flap rigging check, no defects noted. Adjusted rudder-aileron interconnect rigging. Checked control surface travels. Replaced right main landing gear saddle grommet p/n 16937-002 with new. Replaced left brake linings p/n 0669-03000 with new. Replaced left brake caliper o-rings p/n M83461-1-222 with new. Bled brakes and serviced brake reservoir. Replaced right waste gate upper gasket p/n FG0120830 with new. Ground run for operational and leak check 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.

John Podgorski
 AP3531593IA



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



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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N8146L

Updated MFD EX-5000 chart database and nav database with current. Updated #1 and #2 GNS-430W's with current obstacle database. Ramp 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: 5/20/2011 HOBBS: 1118.3 WO#: 10431 SIGNED: *Gar Welsch*

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

THIS LOG
CLOSED
SEE LOG #2