

AIRCRAFT LOG
AF5-1

1. UNITED STATES FAA		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. 19463	
4. Organization ACK TECHNOLOGIES, INC. 440 W. JULIAN STREET SAN JOSE, CALIFORNIA 95110 USA					5. Work Order, Contract or Invoice Number T206		
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work	
1	EMERGENCY LOCATOR TRANSMITTER	E-01	NA (TSO)	1	40158	REBUILT	
13. Remarks REBUILT UNDER THE AUTHORITY OF 14 CFR 43.3(J)(2) RTS UNDER THE AUTHORITY OF 14 CFR 43.7(D) *(Optional) Installer must cross check eligibility with applicable technical data. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
<input checked="" type="checkbox"/> NEW <input type="checkbox"/> Newly Overhauled <small>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 data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</small>				14. Return to Service in Accordance with FAR 43.9 <small>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.</small>			
15. Signature:		16. FAA Authorization No.:		20. Authorized Signature: <i>Jose Ayala</i>		21. Certificate Number: PT0880NM	
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): JOSE AYALA		23. Date: 2-7-08	
Airworthiness Approval Tag User/Installer Responsibilities							
<small>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part, component or assembly.</small>		<small>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 ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. The form 8130-3 and JAA Form One are equivalent Other countries such as Canada also have equivalent acceptable documents.</small>				<small>Statements in block 14 and 16 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.</small>	

10525-BE - 4/2/08 - TOSTMCCO

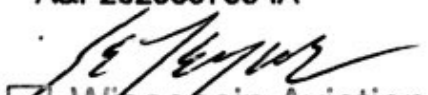
Date: 1/25/2008; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 608.5; Total Time: 608.5; Engine - Type: IO-550N7, S/N: 685683, Time: 608.5; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 608.5

Airframe Work ID 3448

Completed an Annual inspection. AD 07-14-03 (8/16/07) pick up collar support replacement previously complied with in accordance with SB 2x-95-09R1 and -10R1 @ 552.6 ACTT on 5/18/07. Complied with SB 2x-24-06 by visually inspecting alternator main wire, relocating main wire using kit # 70131-001 and installing ground cable from alternator to engine case using kit # 70162-001. Complied with SB 2X-27-14R3 by modifying rudder-aileron interconnect using kit p/n 70197-001. Removed ELT, make ACK Technologies, m/n EO-1, s/n 040158, ELT does not pass "G" switch test. ELT removed for repair, placard instrument panel "ELT not installed." ELT must be reinstalled 90 days after 1/25/08. Replaced induction air filter p/n BA-24 with new. Replaced left and right caliper o-rings p/n 101-34500 with new. Bled brakes. Rotated left main tire on rim and replaced inner tube p/n 092-315-0 with new. Replaced both inboard flap track fairings with new p/n 16738-101. Secured right wing root fairing with double side tape. Adjusted forward exhaust ball joint. Replaced fwd baffle spinner support p/n 13834-002 with new. Replaced left forward upper engine LORD mount p/n 14059-004 with new. Ground run for ops and leak ck good.

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

Scott E. Yeager
A&P262535793 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

MODELED

Date: 4/02/2008; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 617.1; Total Time: 617.1

Airframe Work ID 3634

Renstalled ELT, p/n E-01, s/n 40158, after rebuilt by ACK Technologies, Inc, CRS# PT0880NM, Wo# T206, dated 2/7/08. Installed new batteries, next replacement due 3/2014. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 4/09.

Doug Seibel
A&P389765035 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: 2/10/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 672.8; Total Time: 672.8; Engine - Type: IO-550N7, S/N: 685883, Time: 672.8; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 672.8
Airframe Work ID 4500

Completed an Annual inspection in accordance with the Cirrus Design SR22 Inspection Form and Service Manual. AD 08-03-16 (3/11/08) rudder-aileron interconnect modification previously complied with in accordance with SB 2x-27-14R3 installing kit p/n 70197-001 @ 608.5 ACTT on 1/25/08. AD 08-14-13 (8/14/08) Cabin door rod end replacement, not applicable by serial number. AD 08-08-17 (5/8/08) Turbine exhaust flange inspection, not applicable by aircraft not turbo charged. AD 08-06-28R1 (4/10/08) PFD - incorrect attitude, altitude and airspeed information, not applicable by PFD not installed. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 02/02/10. ELT battery due 03/2014. Replaced #2 Batteries p/n 50979-001 with new, next due 1172.8 ACTT or 2/2011. Replaced left and right brake caliper o-rings p/n 101-34500 with new. Bled brakes and serviced reservoir. Replaced induction air filter p/n BA-24 with new. Replaced Right lower engine cowl seal p/n 50700-063U with new. Replaced electrical system transient voltage suppressor p/n 12980-001 with new. Ground run for ops and leak ck good.

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

Kevin K. Fenske
A&P2886592 IA

Kevin K. Fenske #A2886592

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: 2/23/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Total Time: 678.9
Airframe Work ID 4536

Lubed cabine heat cable and tightened heat control knob. Replaced pilot's push-to-talk switch p/n 50339-001 with new. Replaced #2 batteries p/n 50979-001 with new, next due 1178.9 ACTT or 2/2011.

All work performed in accordance with Cirrus Design SR 22 Maintenance Manual.

Dan Stammen
A&P 2636878

Dan Stammen 2636878 A&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

Date: 5/05/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 684.6; Total Time: 684.6

Airframe Work ID 4675

Replaced gascolator drain pn 50242-001 with new. Leak check good.

All work performed in accordance with Approved/Current Technical Data.

Doug Seibel

A&P389765035 IA

Doug Seibel IA 389765035

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



Wisconsin Aviation - Watertown
1741 River Drive
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920-261-4567

Date: 6/01/2009; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 687.5; Total Time: 687.5

Airframe Work ID 4734

Serviced new battery p/n G243, s/n G02441824 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Functional check good.

All work performed in accordance with Cirrus Design SR22 Maintenance Manual.

Scott E. Yeager

A&P262535793 IA

Scott E. Yeager

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



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

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N525BE

Adjusted ACK encoder as required. System ramp checks sat in accordance with B-E.

-----END-----

DATE: 12/31/09 HOBBS: 715.7 WO#: 9407 SIGNED: *E. T. Brooks*

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

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE N525BE

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. \pm Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual \pm Ft.	+10	0	0	+10	+5	+10	+15	+10	+5	-10	-20	-15	-20	-30	-20
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934P-3 S/N:422899		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	33	50% Max	20			
Actual \pm Ft.	-10	X	X	X	X	X	X	X	Temp C	21	40% Max	15			

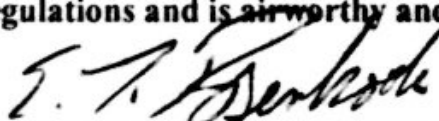
CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83707464

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: 12/31/09

W.O.: 9407

Signed: 

BLIND ENCODER

MAKE: ACK
MODEL A30
S/N 82100

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

Date: 1/04/2010; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 715.2; Total Time: 715.2; Engine - Type: IO-550N7, S/N: 685883, Time: 715.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 715.2

Airframe Work

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

Complied with Cirrus SB2X-05-01 Brake assembly o-ring replacement per installation of Cirrus kit # 70227-002. Altimeter / transponder recertification complied with by Wisconsin Aviation-Four Lakes, Inc Avionics Department. Next due 12/2011. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 12/2010. ELT battery due 03/2014. Installed alternator, p/n 646843, s/n 001KA030, after 500hr. inspection and repair by Aircraft Systems, Inc, CRS# KC2R947K, Wo# 43679, dated 12/28/09. Replaced aileron/rudder interconnect shock cord p/n 12983-001 with new. Replaced Induction air filter p/n BA-24 with new. Installed new Gascolator seal p/n NAS 1523-8B. Replaced OAT gage clock battery p/n Duracell AA with new. Replaced nose wheel thrust washer p/n 50545-001 with new. Replaced all brake linings p/n 066-10500 with new. Replaced left main inner fairing bracket p/n 17205-001 with new. Replaced right main wheel inner bearing cup p/n 13836 and race p/n 13889 with new. Adjusted door seal and interior door trim on right cabin door. Ops checked good. Removed old seal, cleaned, prepped and installed new right wing root fairing seal. Removed old seal cleaned prepped and installed new left wing root fairing seal.

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

Kevin K. Fenske
A&P2886592 IA

Kevin K. Fenske IA2886592

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: 5/28/2010; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 739.5; Total Time: 739.5
Engine Work

Changed oil and filter p/n ch48108, took sample, cut filter, no metal noted, serviced engine with 8 qts. 20W50 Exxon Elite. Ground run for ops and leak checked good.

Doug Seibel
A&P389765035 IA

Doug Seibel IA389765035

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608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
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920-261-4567

Date: 8/27/2010; Aircraft: N525BE; Type: SR22; S/N: 0136; [REDACTED]

Airframe Work

Replaced strobe light p/n 36-0050705-00, lens p/n 68-229005-35 and retainer p/n 19-170049-010 with new. All work performed in accordance with Approved/Current Technical Data.

Pete Schroeder
A&P3100242 IA

Pete Schroeder

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: 1/11/2011; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 766.9; Total Time: 766.9; Engine - Type: IO-550N7, S/N: 685883, Time: 766.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 766.9

Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
AD 10-13-10 (8/5/10) Ontic Engineering Prop Governor not applicable by Ontic governor not installed.
Woodward p/n 13127741 D, s/n D210760, Dated 9/01 installed. Complied with Cirrus SB2X-27-16 Flap Actuator Modification by installation of kit 70231-001. Complied with SB 2X-32-19R2 NLG assembly installation of kit 70238-001.

Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 1/2012. ELT battery due 3/2014. Replaced ELT remote battery L28 with new. Next due 3/2018. Replaced #2 batteries 50979-001 with new, next due 1266.9 ACTT or 1/2013. Replaced right main tire 301-249-006, s/n 001442176 with new. Cleaned, inspected and repacked wheel bearings. Reinstalled wheel and tire assembly. Replaced right main inner tube 092-315-0, s/n 13/10 with new. Replaced left main inner tube 092-315-0 with new. Replaced bottom cowl seal 14106-002 with new. Replaced nose gear thrust washer 50545-001 and pin 50546-001 with new. Replaced front left engine isolator mount 14059-005 with new.

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

Kevin K. Fenske
A&P2886592 IA

Kevin K. Fenske

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



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

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O.

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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.
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE N525BE

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.	5	0	-5	5	5	5	10	10	0	-10	-30	-10	-20	-30	-25
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934P-3 S/N: 422899		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	24	50% Max	10			
Actual ± Ft.	-25	X	X	X	X	X	X	X	Temp	65F	40% Max	10			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX 327 S/N: 83707464

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: December 28, 2011

W.O.: 10901

Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 82100

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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.
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Date: 2/01/2012; Aircraft: N525BE; Type: SR22; S/N: 0136; Hobbs: 807.2; Total Time: 807.2; Engine - Type: IO-550N7, S/N: 685883, Time: 807.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 807.2
 Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with Cirrus SB2X-27-16R1 (05/06/11) Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions by installation of flap mod kit p/n 70255-001. Complied with 2X-24-09 (2/21/11) Cirrus TVS Fuse Installation by installation of in-line fuse. Complied with Cirrus SB 2X-32-19R2 NLG Assembly inspection, no defects noted, next due 2/2013.

Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 1/2013. ELT battery due 3/2014. Serviced new battery p/n G243, s/n G02704111 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Replaced induction air filter BA-24 with new. Replaced OAT-clock battery with new AA Duracell. Replaced # 2 alternator shear coupling 410227-2 with new. Replaced front engine baffle brace 13834-002 with new. Replaced nose gear fork bearings 24FDU16 and 0544-001 with new. Replaced right lower wheel fairing bracket 17205-002 with new. Replaced left main gear upper wheel fairing bracket 13522-001 with new. All ground runs for operational and leak checks good.

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

Kevin K. Fenske
 A&P2886592 IA

Kevin K. Fenske #A2886592

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



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

1. UNITED STATES

525BE

AIRWORTHINESS APPROVAL TAG
US Department of Transportation
Federal Aviation Administration

5. WORK ORDER, CONTRACT,
OR INVOICE NO:

11089

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
01.	SN 3308	SN3308-00-BL	T.B.D.	01.	3898	Repaired

13. REMARKS
Replaced lamp and reset lamp software. Unit meets M.P.S.

Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.

14. New
 Newly Overhauled
 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 data 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:
[Signature]

21. Certificate Number:
DBKR124D

17. Name (typed or printed):

18. Date:

22. Name (typed or printed):
Brian Rice

23. Date:
03/20/2012

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

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N525BE

Aircraft modified per FAA Form 337 dated this date. Details include removal of the Certified CHT engine gauge and installing the Certified replacement gauge made by JP Instruments Model 711. Note: the JPI EDM711 is approved for installation as a Primary Temperature Indicating System per STC SA00954SE and the AML. Removed the ARNAV MFD and ARNAV EMM-35 engine monitoring system and installed the Avidyne EX5000 MFD per Avidyne Installation Manual P/N 600-00073 Rev 24 Cirrus wiring diagrams and prints. Note: the Avidyne EX5000 is approved in later model Cirrus aircraft this equipment change is considered a minor alteration. Revised weight & balance and equipment list. Systems tested per manufacturers installation manuals. Reinstalled and ramp tested Sandel SN3308 S/N 3898 after repair, see FAA Form 8130-3 for this repair station. Installed *Cirrus Service Bulletin SB 2X-34-22 R2* static system sump kit.

-----**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: March 23, 2012 HOBBS: 808.1 WO#: 11089 SIGNED: 

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

AI

..D./BU
NUMBI

Date: 3/06/2013, Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 848.6; Total Time: 848.6; Engine - Type: IO-550N7, S/N: 685883, Time: 848.6; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 848.6
Airframe Work

Replaced CAPS system reef line cutters with new kit p/n 25347-002. Line cutters p/n 26707-001, s/n 4086 and 4094, Lot # 1 RRL 0912 and MFG date 09/12.

Doug Seibel
A&P389765035 IA

Doug Seibel A389765035



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
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Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

RECORD

JRE

Date: 3/06/2013; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 848.6; Total Time: 848.6; Engine - Type: IO-550N7, S/N: 685883, Time: 848.6; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 848.6
Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with SB 2X-32-19R3 by visual inspection of NLG assembly, no defects noted. Next due 948.6 ACTT. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 3/2014. ELT battery due 3/2014. Replaced #2 batteries p/n 50979-001 with new. Replaced induction filter BA-24 with new. Replaced gascolator seal NAS1523-8B with new.

Replaced front left engine mount p/n 14059-005 with new. Replaced landing light lens p/n 14199-002 with new. Replaced right nose gear fairing bracket p/n 11799-003 with new. Replaced all wheel fairing service plugs p/n 2784HEY with new. Completed composite repair on left inboard wheel fairing per Chap. 51-20. Replaced rear seat hold down clip p/n 51170-001 with new. Replaced passenger sunvisor mounting assembly p/n R1740100 with new. Rigged flaps per SR22 MM specs. Ground run for operational and leak checks good. Test flight for roll rate completed, no defects noted.

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

Bobby Wangler
A&P 2702325 IA

Bobby Wangler AP2702325 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

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.
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE N525BE

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. \pm Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual \pm Ft.	-10	0	0	5	0	5	10	5	-5	-15	-25	-20	-25	-25	-30
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934P-3 S/N: 422899		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	94	50% Max	10			
Actual \pm Ft.	-20	X	X	X	X	X	X	X	Temp C	20	40% Max	10			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 83707464

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: 3/20/14

W.O.: AV14-13006

Hobbs: 879.4

Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 82100

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

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.
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Date: 4/01/2014; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 879.0; Total Time: 879.0; Engine - Type: IO-550N7, S/N: 685883, Time: 879.0; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 879.0
*****Airframe Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 Complied with Cirrus SB 2X-27-17 (6/3/13) Electronic Flap Relay Installation by installation of flap relay p/n 29409-001. Complied with SB 2X-32-19R3 by visual inspection of NLG assembly, no defects noted. Next due 979.0 ACTT. Complied with Cirrus SA 13-05 (8/26/13) Elevator Hinge Pin Inspection, no defects noted.
 Replaced ELT battery p/n MN1300 with new. Next replacement due date 12/2023. Inspected and tested ELT in accordance with FAR 91.207(d). Next Due 4/2015. Replaced OAT clock AA battery with new. Replaced induction filter BA-24 with new. Inspected and weighed cabin fire extinguisher, no defects noted. Serviced new battery p/n G243, s/n G02805126 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Ops checked good. Reinstalled GNS-430 units, p/n 011-00280-10, s/n 97105057 and s/n 97104922, after repair by Wisconsin Aviation-Four Lakes, Inc, CRS# DBKR124D, Wo# 13002, dated 3/19/2014. Replaced oil temp probe 12634-001 with new.

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

Bobby Wangler
 A&P 2702325 IA

Bobby Wangler A&P 2702325 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

AIF

Date: 4/14/2014; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 879.6; Total Time: 879.6

*** Airframe Work ***

Removed ELT and installed new 406 ELT m/n E-04, s/n 009992, mfg date 4/1/2014, Lot # 00021. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 4/2015. ELT battery due 4/2019. ELT remote battery due 3/2021. ELT Audio Alert battery due 3/2023. ELT 15 digit HEX Code: 2DC86 A4E10 FFBFF. No change to weight and balance.

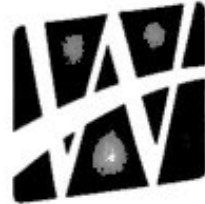
Dan Stammen
A&P 2636878 IA

Dan Stammen 2636878 IA

RECORD

RE

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



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

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AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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.
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Date: 4/08/2015; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 915.2; Total Time: 915.2; Engine - Type: IO-550N7, S/N: 685883, Time: 915.2; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 915.2
*****Airframe Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with SB SB2X-32-19R3 by visual inspection, no defects noted. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 4/2016. ELT battery due 4/2019. Replaced #2 batteries p/n 50979-001 with new. Replaced induction filter BA-24 with new. Replaced gascolator seal NAS1523-8B with new. Replaced Aileron / Rudder interconnect bungee p/n12983-001 with new. Inspected and weighed cabin fire extinguisher, no defects noted. Installed Revisions A9 and A10 in POH. Transferred contents to new black POH Binder and returned POH to aircraft.

Replaced brake temp sticker, blue p/n 51698-001 with new in right and left slave cylinders. Replaced brake temp sticker, yellow p/n 51698-003 with new. Replaced o-rings p/n M83461/1-222 with new in right and left slave cylinders. Replaced thrust washer and beveled washers p/n 50545-001 and 50750-101 with new. Replaced wheel fairing plug p/n 50498-200 with new on both main gear. Performed a composite repair to right inner wheel fairing and refinished top of right wheel fairing. Disassembled left cabin door handle mechanism deburred, cleaned, lubricated and reassembled and tested. Replaced right outboard quick drain p/n CCA2900 with new. Replaced landing light lens p/n14199-002 with new. Replaced Top cowl seal p/n53722-063U with new. Cleaned and applied primer and paint as needed to the engine mount.

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

Randall Effinger
 A&P 3439510 IA



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 3606 Corben Court
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 608-268-5003



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 Watertown, WI 53094
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ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
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ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N525BE

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. \pm Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual \pm Ft.	-10	-5	-15	0	-5	5	5	5	-10	-20	-40	-20	-25	-40	-30
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934P-3 S/N: 422899		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	10			
Actual \pm Ft.	-30	X	X	X	X	X	X	X	Temp C	18	40% Max	10			

CERTIFIED STATIC PRESSURE SYSTEM PER FAR 43 APP. E (a)
 CERTIFIED ALTIMETER PER FAR 43 APP. E. (b) TO (20) THOUSAND FEET.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT PER FAR 43 APP. E (c).
 COMPLIED WITH RECORDS KEEPING PER FAR 43 APP. E (d).
 CERTIFIED TRANSPONDER SYSTEM PER FAR 43 APP. F.

TRANSPONDER MAKE: Garmin MODEL: GTX 327 S/N: 83707464

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 4, 2016 W.O.: 14702 Tach/Hobbs: 939.8 Signed:

BLIND ENCODER

MAKE: ACK
MODEL A-30
S/N 82100

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

RADIO & ELECTRONIC CHECKS

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

Date: 5/05/2016; Aircraft: N525BE; Type: CIRRUS SR22; S/N: 0136; Hobbs: 937.9; Total Time: 937.9; Engine - Type: IO-550N7, S/N: 685883, Time: 937.9; Prop - Type: PHC-J3YF-1RF, S/N: FP1530B, Time: 937.9

*** Airframe Work ***

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

Complied with Cirrus SB2X-32-19R3 (6/28/12) Nose Landing Gear Inspection, no defects noted, large bolt previously installed. Complied with Cirrus SB2X-28-12R1 (8/19/15) Electric Fuel Pump functional check in accordance with 22AMM Temporary Revision 15-27 placed in POH in aircraft. Complied with Cirrus SB2X-52-08R1 (3/11/16) Catcher/Diverter and Gas Strut Replacement by installation of kit p/n 70542-001 and inspection.

Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 4/2017. ELT battery due 4/2019. Replaced Induction air filter p/n BA-24 with new. Completed cabin fire extinguisher weight check, no defects noted.

Replaced nose gear rebound bumper p/n 18380-001 with new. Replaced nose gear pucks p/n 13386-001 with new. Installed shim on nose gear / mount right side. Replaced nose gear fork bearing p/n 50544-001 with new. Replaced nose gear fork flange bearing p/n 50543-001 with new. Replaced nose gear fork thrust washer p/n 50545-001 with new. Replaced nose gear fork spring washers p/n 50750-101 with new.

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

Benjamin J. Pitterle
A&P390747277 IA

Benjamin J. Pitterle IA390747277



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RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY SIGNATURE — CERT NO
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Airframe Log
Make: CIRRUS

Aircraft: N525BE
Model: SR22

Date: May 8, 2017
S/N: 0136

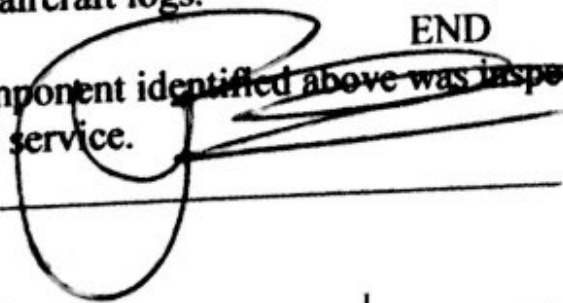
HOBBS: 962.6

FLIGHT: N/A

Performed Annual Inspection IAW FAR Part 43 Appendix D using Cirrus SR22 AMM as a guide.
 Inspected and tested ELT IAW FAR Part 91.207 (d) Found satisfactory. Next inspection due MAY 2018.
 ELT battery replacement due APR 2019. ELT Remote battery next due MAR 2021. ELT audio alert battery due MAR 2023
 Capacity checked #1 battery @ 62%. Replaced Battery #1 with new, concord P/N RG24-15M.
 Replaced #2 batteries. Next replacement due May 2019. C/W OAT/Clock two year battery replacement.
 Performed 100 hr NLG inspection IAW Service Bulletin SB2X-32-19 R3, no defects found, next inspection due @1062.6 hrs
 Replaced NLG tire with new, Flight Custom III. Replaced left MLG tire and tube with new, Flight Custom III tire and Michelin air stop tube
 Replaced left MLG strut clamp grommet. Replaced small section of flap chafe tape.
 Found co pilot brake pedals spongy, bled left and right brakes. Inspected and repacked all wheel bearings.
 Found Aileron/Rudder interconnect shock cord installed incorrectly, corrected problem and rerigged interconnect.
 Replaced right nav/recongnition light bulb.
 Verified all AD's have been complied with thru MAY 8, 2017.
 Attached AD compliance record to aircraft logs.

END

I certify that this aircraft and/or component identified above was inspected and/or repaired IAW current FAA regulations and determined Airworthy for return to service.
 Phillip Scadden IA 400062798



RADIO & ELECTRONIC CHECKS

TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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S/N Tested in accordance with Far Part 43 App E to 20,000 ft. on 12-May-17 Stevens Aviation VIB 4368K
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ALTIMETER TESTED & INSPECTED PER FAR PART 43, SECT. 91.411

DATE: 5/12/2017
S/N: 422989
Pilot

-1000	0	14000	+10
0	+10	16000	+5
500	+10	18000	0
1000	+20	20000	-10
1500	+15	22000	
2000	+10	25000	
3000	+10	30000	
4000	+20	35000	
6000	+20	40000	
8000	+15	45000	
10000	+5	50000	
12000	+20	53000	

DATE

TOTAL

EQUIPMENT

TYPE OF

EFFECTIVE

NEXT CHECK


**STEVENS
AVIATION**
N525BE
SN: 0136
Tach: N/A
5/12/2017

Tightened static T behind instrument panel connecting to Vertical Speed Indicator and Pilot Altimeter. Tightened alternate static valve b-nut. Leak check passed IAW FAR 23.1325.

Removed A-30 encoder p/n ack-30, s/n 82100. Installed customer supplied A-30 encoder p/n ack-30, s/n 141399. Adjusted encoder. Operational check good. Work was performed IAW ACK Technologies inc. A-30 Altitude Encoder Operation Manual Installation Manual.

"I certify that the altimeters and static system tests and inspection required by **FAR Part 91.411** have been performed the requirements stated per paragraphs (a) and (b), Appendix E, FAR Part 43."

LH Altimeter Make: United **Model:** 5934D-3 **S/N:** 422989 has been tested to 20,000 feet.

Encoder Make: ACK Tech **Model:** A-30 **S/N:** 141399 has been tested to 20,000 feet.

The Altitude Reporting system tested to 20,000 ft. per paragraph (c), Appendix E, FAR Part 43.

"I certify the ATC transponder tests and inspections required by **FAR Part 91.413** were performed this date and found to comply with FAR Part 43, Appendix F."

#1 Make: Garmin **Model:** GTX-327 **S/N:** 83707464

The Maintenance Identified In This Work Order Package Has Been Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order No. **DAY-WO-4828**.

 SIGNED
 

For STEVENS AVIATION, INC., DAYTON, OH CRS VIB4368K

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
6/29/18						Inspected airplane
Hobbs: 988.3						Replaced broken cold air valve actuator rod. Lubed all
TTF: 988.3						flight controls. Tested & inspected ELT IAW FAR 91.207d.
						ELT Battery exp 6/23. All AD's checked to date. No defects
						noted at this time. Icarus by this airplane was inspected IAW
						annual inspection and was found to be in airworthy condition
						at this time. <i>Stacy</i> AP37211595A

