

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-20 DATE OF MFG. JAN, 07

SERIAL NUMBER 1772 REGISTRATION NUMBER N647MD

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	TELEDYNE CONTINENTAL MOTORS	T0-360	R 360319
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13YF-1RA	FP5374B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
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ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

1



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.

Life Limited Parts SR20			
PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N <u>3203</u>	11/16
CAPS Parachute	20332-001	S/N <u>03956</u>	4/16
CAPS Reefing Line Cutters	5212	LOT <u>T05066</u> <u>003-036</u>	08/12
ELT Batteries	MN1300	Date Installed <u>12/06</u>	03/2013
EMA Controller, AAIR	20902-001	S/N <u>31OCT06-96</u>	10/2013
Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AAS1254T</u> <u>10154</u>	10/11/2013
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AAS1254T</u> <u>10097</u>	10/11/2013

10/2026

05/2026

~~Replaced 4/8/13 - Next Due 9/2018~~

~~NEXT DUE 12/2022~~

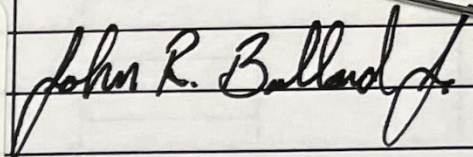

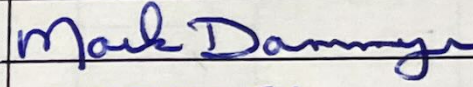

~~Replaced 4/8/13 - Next Due 4/2020~~
Due 9-2026

~~10/1/18~~
~~10/1/2016 Per SA 12-01~~

10/1/18
~~10/1/2016 Per SA 12-01~~

TS

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

AGENCY CERT. NO.	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.
			1/23/07 4.6	Searched AD's through bi-weekly issue <u>2007-02</u> . All AD's are in compliance at this time.			 
2008-06-28	Avidyne PFD	134-8/117.3	4/10/08 S/N 20030496 N/A	Serial No. Check	1 Time	NA	 3227056
2008-06-28-121	"	136-3/118.8	4/25/08	"	1 Time	NA	 3227056

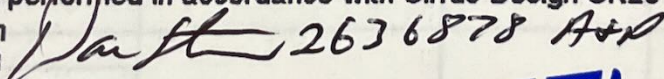
Date: 9/17/2009; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 286.9; Total Time: 286.9
 Flt Hobbs: 286.5 Hobbs: 349.0.

Airframe Work ID 5066

Complied with SB 2X-32-18 by visual inspection of nose gear upper gusset plate and forward surface of forward weld between the cross tube and strut. No defects noted, next due at 386.9 ACTT.

All work performed in accordance with Cirrus Design SR20 Maintenance Manual.

Dan Stammen
 A&P 2636878

 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: 4/23/2007; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 23.9; Total Time: 23.9

Fit Hobbs: 23.9 Hobbs: 35.6.

Airframe Work ID 2656

SB 2X-95-09R1 not applicable by serial number. Complied with A2X-95-10R1 by replacing CAPS pick up collar support p/n 70181-001 with new.

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

Tim McGuire

A&P473138392 IA

Tim McGuire A&P 473138392 IA

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608-268-5003



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920-261-4567

Date: 6/28/2007; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 57.5; Total Time: 57.5

Fit Hobbs: 57.5 Hobbs: 71.4.

Airframe Work ID 2878

Complied with SB 2X-27-14R1 by modifying rudder aileron interconnect by installing kit p/n 70187-001.
Complied with SB 2X-52-07R1 by replacing cabin door rod ends by installing kit p/n 70186-001. Complied with SB 2X-71-10R1 by installing oil breather line insulation sleeve using kit p/n 70092-001. Completed SB 2X-78-07 by inspection of SR20 heat exchanger, no defects noted. Replaced #1, #3 and #5 cylinder exhaust gaskets p/n 970 with no-blow gaskets. Ground run for ops and leak ck good.

All work performed in accordance with Cirrus Design SR20 Service Manual.

Pat Harrington

A&P 2634950

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Pat Harrington A&P 2634950

RADIO & ELECTRONIC CHECKS

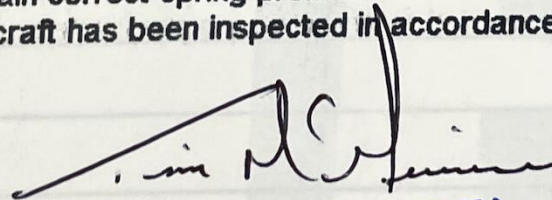
Y: T. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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Date: 2/01/2008; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 92.8; Total Time: 92.8; Engine - Type: IO-360ES6, S/N: 360319, Time: 92.8; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 92.8
 Flt Hobbs: 92.8 Hobbs: 110.3.
 Airframe Work ID 3455

Completed an Annual inspection in accordance with the Cirrus Design SR20 Inspection Form and Service Manual. AD 07-14-03 (8/16/07) pick up collar support replacement previously complied with in accordance with SB 2x-95-09R1 and -10R1 @ 23.9 ACTT on 4/23/07. Complied with SB 2X-27-14R3 by modifying rudder-aileron interconnect using kit p/n 70197-001. Complied with SB 2X-25-19 by re-orienting and securing connectors on pilot and co-pilot's seats and using kit p/n 70188-001. Performed inflatable restraint diagnostic test, ops checked good. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 01/09. ELT battery due 3/2013. Removed kinked portion of pitot line. Reassembled pitot line and fittings. Adjusted fittings to give more clearance for strobe power supply in wing tip assy. Replaced left exhaust collector attach bolt p/n AN4C35 with new, to obtain correct spring preload.

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

Tim McGuire
 A&P473138392 IA




A&P473138392 IA

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



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 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.
<p>Date: 6/17/2008; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 137.1; Total Time: 137.1</p> <p>***Airframe Work***</p> <p>Replaced flight hobbs switch p/n 14128-001 with new. Adjusted right cabin door latch to allow for proper opening and closing. Reattached main fresh air inlet hose to mixing unit. Ops check vent system good.</p> <p>All work performed in accordance with Cirrus Design SR 20 Maintenance manual.</p> <p>Brian Wrage A&P2815863 IA <i>Brian Wrage</i></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input 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 checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 </div> </div>						

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

Removed S-Tec 55SR Autopilot p/n 01192-4-66-30, s/n 0637-10505 and installed repaired exchange s/n 0405-6614 tested and checked good in accordance with SR-20 maintenance manual.

N#647MD

-----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: 8/21/08 HOBBS: 221.4 WO#: 8448 SIGNED: *Brian Wrage*

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

RADIO & ELECTRONIC CHECKS

DATE

Date: 11/21/2008; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 237.2; Total Time: 237.2

Flt Hobbs: 237.2 Hobbs: 279.3.

Airframe Work ID 4340

AD 08-06-28R1 (4/10/08) PFD - incorrect attitude, altitude and airspeed information not applicable by serial number. PFD s/n 20030496. AD 08-03-16 (3/11/08) rudder-aileron interconnect modification previously complied with in accordance with SB 2x-27-14R3 by installing kit p/n 70197-001 on 2/1/08 @ 92.8 ACTT. AD 08-13-28 (7/18/08) Propeller hub lubrication hole inspection not applicable by propeller model. Propeller not left hand rotating.

Scott E. Yeager

A&P262535793 IA

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3606 Corben Court
Madison, WI 53704
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920-261-4567

Date: 11/21/2008; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: ~~237.2~~ 280.0 MRD; Total Time: 237.2

Airframe Work ID 4341

Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted, next due 337.2 ACTT

Doug Seibel

A&P389765035 IA

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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.
7/28/08	184.0	VOR GNS 430	Rec. Check MSA AZD 18m BNA	08Z Az - 08Z ^{Rand}		Mark Dams 3227056

Date: 2/27/2009; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 245.1; Total Time: 245.1; Engine - Type: IO-360ES6, S/N: 360319, Time: 245.1; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 245.1
 Flt Hobbs: 245.1 Hobbs: 291.9.
 Airframe Work ID 4531

Completed an Annual inspection in accordance with the Cirrus Design SR20 Inspection Form and Service Manual. Completed AD 08-14-13 (8/14/08) Cabin door rod end replacement in accordance with SB 2x-52-07R4, using kit p/n 70186-005. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted, next due 345.1 ACTT. Complied with SB 2x-32-18 NLG upper plate and attach point arm inspection per visual inspection, no defects note, next due 345.1 ACTT. Completed SB 2X-71-04R5 by installing winterization kit # 70102-002. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 02/2010. ELT battery due 03/2013. Replaced #2 batteries p/n 50979-001 with new, next due 745.1 ACTT or 02/2011. Replaced left and right main gear fairing well nuts p/n 50802-001 (long) and 50803-001 (short) with new. Replaced left main tire with new, p/n 156E66-4, s/n 83110478. Replaced right main tire with new p/n 156E66-4, s/n 83110498. Cleaned, inspected and repacked wheel bearings. Reinstalled wheel and tire assemblies.
 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. 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

IA2886592

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 608-268-5003



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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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ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N647MD

PILOT

Madison, WI 53704

608-268-5006

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

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	-10	-5	-10	-10	-5	-10	-10	-10	-10	-10	15	-20	-15	-15
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: 15222.004 S/N: 20030496		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	8	50% Max	0			
Actual \pm Ft.	-15	X	X	X	X	X	X	X	Temp C	16	40% Max	0			

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: Garmion MODEL: GTX-327 S/N: 8372668

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.

BLIND ENCODER

MAKE: ACK
MODEL A-30
S/N 105181

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

Date: 2/27/09

W.O.: 8822

Signed: *E. T. Rosenbrock*

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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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N647MD
COPILOT

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	-10	-10	-10	-10	-10	-10	-10	-25	-40	-45	-40	-30	-20	+5
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 456658		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	8	50% Max	15			
Actual ± Ft.	+30	X	X	X	X	X	X	X	Temp C	16	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: Garmion MODEL: GTX-327 S/N: 8372668

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: 2/27/09

W.O.: 8822

Signed:

E. T. Rosenbrock

BLIND ENCODER

MAKE: ACK
MODEL A-30
S/N 105181

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

DATE

RADIO & ELECTRONIC CHECKS

CHECKED BY: _____
 NATURE — CERT. NO. _____

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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608-268-5006

16	18
110	120
-20	+5

ALTIMETER

E: United
 EL: 12731-002
 56658

ND ENCODER

E ACK
 LA-30
 5181

ANSPONDER

X
 X

Date: 3/10/2010; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 311.3; Total Time: 311.3; Engine - Type: IO-360ES6, S/N: 360319, Time: 311.3; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 311.3
 Hobbs: 380.8 Flight Hobbs: 311.3

Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger by pressure test and inspection, no defects noted. Next due 411.3 ACTT. Complied with SB2x-05-01 by installation of brake temperature label kit p/n 70227-001 and installing temp revisions into P.O.H. Complied with SB 2X-32-18 R4 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted. Next due at 411.3 hrs. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 03/2011. ELT battery due 03/2013. Replaced both upper main gear fairing mounts p/n 13522-001 with new. Replaced induction air filter p/n BA-24 with new. Replaced gascolator filter p/n NAS1523-8B 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 IA2886592

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 608-268-5003



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 Watertown, WI 53094
 920-261-4567

Date: 3/18/2010; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 312.2; Total Time: 312.2
 Hobbs: 382.5 Flight Hobbs: 312.2

Airframe Work

Removed MFD, p/n 700-00004-008, s/n 20044466 and installed MFD, p/n 700-00004-008, s/n 20061396, after modified by Avidyne Corporation, CRS# 1VAR161B, WO# 9009471, dated 3/12/2010. Ops checks good.

Dan Stammen
 A&P 2636878

Dan Stammen 2636878 A&P

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 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.
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Date: 3/25/2011; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 373.1; Total Time: 373.1; Engine - Type: IO-360ES6, S/N: 360319, Time: 373.1; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 373.1
 Hobbs: 463.9 Flight Hobbs: 373.1

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 per manufacturer McCauley. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted. Next due: 473.1 ACTT. Complied with SB 2X-32-18 R4 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted. Next due at 473.1 ACTT. Complied with Cirrus SB2X-27-16 (10/2/09) Flap Actuator Modification by installation of flap mod kit p/n 70231-001. Complied with SB 2X-24-09 (2/21/11) Cirrus Recommended TVS Fuse Installation complied with by installation of in-line fuse.

Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 3/2012. ELT battery due 3/2013. Replaced #2 batteries 50979-001 with new. Installed battery minder 24041-AA-S2, over-temp and charge cords. Replaced left and right upper gear fairing long wellnuts 50802-001 and short wellnuts Q-1032 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 *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

RADIO & ELECTRONIC CHECKS

CHECKED BY: _____
 SIGNATURE — CERT. NO. _____

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N647MD

PFD

Wisconsin Aviation Inc. Madison, WI 53704 608-268-5006
 FAA CRS No. DBKR124D

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	-5	0	-5	0	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: EXP 5000 S/N: 20030496		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	2	50% Max	+5			
Actual ± Ft.	-10	X	X	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 (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: 8372668

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: 3/23/11 W.O.: AV11-10303 Signed:

BLIND ENCODER

 MAKE: ACK
 MODEL: A-30
 S/N: 105181

 #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.
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N647MD

STBY

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.	+15	-5	0	0	0	-5	-10	-15	-20	-30	-40	-40	-35	-25	+10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hystersis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5943PAD-3 S/N: 456658		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	2	50% Max	+25			
Actual \pm Ft.	+25	X	X	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 (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: 8372668

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: 3/23/11

W.O.: AV11-10303

Signed:

E. J. Remick

BLIND ENCODER


MAKE: ACK
MODEL: A-30
S/N: 105181

#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
4/24/10	Hobbs 389.2	Replaced Landing Light w/ LoPresti	Mark Dango
	Flight 316.2	Boom Beam, Part # LSM-500-395-1	3227056
<p>Date: 9/29/2011; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 392.0; Total Time: 392.0 Hobbs: 489.4 Flight Hobbs: 392.0 ***Airframe Work***</p> <p>Installed Boom Beam Cirrus Model SR20 Wingtip HID light kit after wing tip modification by Lo-Presti dated 9/19/2011 per LoPresti Installation instruction document # LSM-800-043 Revision IR dated 5/3/2011 and drawing LSM-800-038 rev IR dated 4/6/2011. Wing tip assembly L/H p/n LSM-800-039-3, R/H p/n LSM-800-039-4. (60 Watt installation) Installation accomplished per LoPresti Speed Merchants - Installation Instructions "Cirrus Model SR20 Wingtip HID Lights" 8110-3 dated 5/19/2011, applicable to SR20 serial number 1772 only. Cleaned, prepped and painted left and right wing tips after modification. Replaced left and right wing tip decals p/n 12057-485-WTLH and 12057-485-WTRH with new. Placed copy of Instructions for Continued Airworthiness with aircraft records. Revised weight and balance to reflect installation and put copy of weight and balance in aircraft POH. Reference 337 dated 9/29/2011.</p> <p>Installed PFD, p/n 700-00006-000, s/n 20030486, after modification by Avidyne Corporation, CRS# 1VAR161B, Wo# 9015678, dated 9/21/2011. All operational checks good.</p> <p>Doug Seibel A&P389765035 IA <i>Doug Seibel 1A389765035</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div data-bbox="352 1197 928 1372"> <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 </div> <div data-bbox="994 1173 1172 1364">  </div> <div data-bbox="1247 1181 1847 1364"> <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 </div> </div>			

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: 3/22/2012; Aircraft: N647MD; Type: SR20; S/N: 1772; Hobbs: 418.3; Total Time: 418.3; Engine - Type: IO-360ES6, S/N: 360319, Time: 418.3; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 418.3 Hobbs: 524.5 Flight Hobbs: 418.3 ***Airframe Work***</p> <p>Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted. Next Due: 518.3 ACTT. Complied with SB 2X-32-18 R4 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted. Next Due: 518.3 ACTT. 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. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 3/2013. ELT battery due 3/2013. Replaced aileron shock cord p/n 12983-001 with new. Replaced left and right brake hoses p/n 50555-072 with new. Replaced induction air filter p/n BA-24 with new. Replaced gascolator seal NAS1523-8B with new.</p> <p>Removed PFD, p/n 700-00006-00, s/n 20030486 and installed PFD, p/n 700-00006-000, s/n 20029486, after modification by Avidyne Corporation, CRS# 1VAR161B, WO# 9016623, dated 1/18/2012. Serviced new battery p/n G-243, s/n G02711699 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Replaced left and right outboard fuel quantity sender gaskets p/n 12638-102 with new. Replaced left and right lower wheel fairing brackets p/n 17205-001 and 17205-002 with new. Replaced left and right brake linings p/n 066-10500 with new. Replaced nose gear fork thrust washer p/n 50545-001 with new. Rotated left and right main tires on wheels to promote even tire wear.</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>Doug Seibel A&P389765035 IA <i>Doug W/A389765035</i></p>	
		<input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003	<input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567



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 TRANPONDER CERTIFICATE N647MD

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

PFD
Madison, WI 53704

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. \pm Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual \pm Ft.	-5	0	0	0	0	0	0	0	0	10	10	10	10	10	10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: EXP5000 S/N: 20029486		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	3	50% Max	0			
Actual \pm Ft.	10	X	X	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 (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: 8372668

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: 4/4/13 W.O.: AV13-12083 Hobbs: 554.4 Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

#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

N647MD

STBY

Madison, WI 53704

608-268-5006

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

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	0	0	10	0	0	-10	-10	-30	-30	-30	-20	-10	10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 456658		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	3	50% Max	10			
Actual ± Ft.	40	X	X	X	X	X	X	X	Temp C	20	40% Max	20			

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: 8372668

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: 4/4/13

W.O.: AV13-12083

Hobbs: 554.4

Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

#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
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Date: 4/08/2013; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 437.6; Total Time: 437.6; Engine - Type: IO-360-ES6, S/N: 360319, Time: 437.6; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 437.6
 Hobbs: 554.2 Flight Hobbs: 437.6

*****Airframe Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) by pressure test and visual inspection of SR20 heat exchanger, no defects noted. Next due 537.6 ACTT. Complied with SB 2X-32-18 R4 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted. Next Due: 537.6 ACTT.

Replaced ELT batteries with MN1300 Duracell D cell batteries. Next replacement due date 12/2022. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next Due: 4/2014. Replaced AMsafe controller p/n 20902-001 with new. MFG date: 4/2013. Next Due date 4/2020. Replaced #2 batteries p/n 50979-001 with new. Next Due: 4/2015 or 937.6 ACTT. Replaced induction filter BA-24 with new. Replaced Gascolator seal NAS1523-8B with new. Replaced nose tire with new, p/n 505C66-5, s/n 22632021, and tube p/n 092-308-0. Cleaned, inspected and repacked wheel bearings. Re-installed wheel and tire assembly.

Replaced lower rudder blind rivets p/n CR3213-4-3 with new. Replaced right gear fairing spacer p/n 13420-102 with new. Removed flap torque tubes, cleaned, inspected, re-applied corrosion protection, opened up radius on fuselage skin and reinstalled flap torque tubes. Cleaned and secured lower cowl anti-chafe tape.

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 AP 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

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: 4/10/2013; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 437.6; Total Time: 437.6; Engine -
Type: IO-360-ES6, S/N: 360319, Time: 437.6; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 437.6
Hobbs: 554.2 Flight Hobbs: 437.6

*** Airframe Work ***

Replaced CAPS system reef line cutters with new kit p/n 25347-002. Line cutters p/n 26707-001, s/n 3991 and
3999, Lot # 1 RRL 0912 and MFG date 09/12.

Doug Seibel

A&P389765035 IA

Doug Seibel IA389765035

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

DATE OF COMPLETION
6/12/2015

Date: 5/19/2014; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 474.5; Total Time: 474.5; Engine - Type: IO-360-ES6, S/N: 360319, Time: 474.5; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 474.5
Hobbs: 599.2 Flight Hobbs: 474.5

Airframe Work

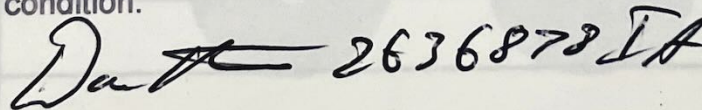
Completed an Annual inspection in accordance with FAR 43, Appendix D.

Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted. Next Due: 574.5 ACTT. Complied with SB 2X-27-17 (6/3/13) Electronic Flap Relay Installation per installation of new style flap relay p/n 29409-001. Ops checks good. Complied with SB 2X-32-18 R4 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted. Next due at 574.4 ACTT. Complied with Cirrus SA 13-05 (8/26/13) Elevator Hinge Pin Inspection, no defects noted.

Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 05/2015. ELT battery due 12/2022. Replaced ELT remote switch battery p/n 28L with new. Next ELT Remote switch battery change due 3-2021. Complied with Cabin fire extinguisher inspection, no defects noted. Complied with Inspection for Continued Airworthiness of Boom Beam lighting system, no defects noted. Replaced landing light lens p/n 17298-001 with new. Repositioned right wing anti-chafe tubing into the conduit and secured with caulking.

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

Dan Stammen
A&P 2636878 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

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
6/12/2015	501.1 HR TT	<p>I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT AIRWORTHY FOR THE INTENDED FLIGHT FROM C77 TO RYV. FAR 91.411 + 91.413 OUT OF DATE AT THIS TIME. NO OUTSTANDING A.D.'S AT THIS TIME.</p> <p style="text-align: center;"><u>END</u></p>	<p style="text-align: right;"><i>[Signature]</i> 3021438</p>
<p style="font-size: 2em; opacity: 0.5;">39</p> <p style="font-size: 3em; color: blue; transform: rotate(-15deg); opacity: 0.5;">SET ASIDE</p>			

MAINTENANCE RECORD

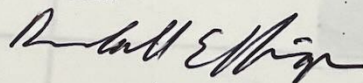
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER
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Date: 6/25/2015; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 501.6; Total Time: 501.6; Engine - Type: IO-360-ES6, S/N: 360319, Time: 501.6; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 501.6
 Hobbs: 635.2 Flight Hobbs: 501.6
 Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 Complied with AD 08-11-18 (7/7/08) by inspecting heat exchanger, no defects noted. Next Due: ACTT 601.6.
 Complied with Cirrus SB2X-32-18R4 NLG Upper Plate and Attach Point Arm Inspection, no defects noted.
 Complied with Cirrus SA15-03 (4/23/15) Regarding H3R ASB 2015-01 Inspection Procedures. Inspected and weighed cabin fire extinguisher, no defects noted.
 Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted, next due 6/18/2016. ELT battery due 12/2022. Completed Inspection for Continued Airworthiness of LoPresti Boom Beam, no defects noted. Replaced #2 batteries p/n 50979-001 with new. Date code 6/15. Next due 6/2017 or 1001.6 ACTT.
 Replaced induction filter BA-24 with new.
 Replaced left and right brake caliper o-rings p/n M83461/1-222 with new. Bled brakes and leak checked good. Replaced nose gear fork spring washers p/n 50750-101 with new. Replaced upper main gear fairing well nut mounts as needed. Installed lower cowl chafe tape as required. Replaced throttle lock washer with new.
 Isolated and secured oil temp wire. Ground run 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.

Randall Effinger
 A&P 3439510 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

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MAINTENANCE RECORD

F.A.R. 43.9

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N647MD

PFD
Madison, WI 53704

608-268-5006

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

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	0	0	0	0	0	0	0	0	0	5	5	5	5
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: EXP5000 S/N: 20029486		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	8	50% Max	5			
Actual ± Ft.	5	X	X	X	X	X	X	X	Temp C	22	40% Max	5			

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: 8372668

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: 6/25/15

W.O.: AV15-14060

Hobbs: 501.6

Signed:

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

MAINTENANCE RECORD

F.A.R. 43.9

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

N647MD

STBY

Madison, WI 53704

Wisconsin Aviation Inc.

FAA CRS No. DBKR124D

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.	0	10	10	10	10	10	5	0	-5	-20	-25	-25	-15	-5	20
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 456658		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	8	50% Max	15			
Actual \pm Ft.	50	X	X	X	X	X	X	X	Temp C	22	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.

BLIND ENCODER
MAKE: ACK
MODEL: A-30
S/N: 105181

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 8372668

#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: 6/25/15 W.O.: AV15-14060 Hobbs: 501.6 Signed:

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
18 JAN 07	4.6
24 JAN 2007	4.6 hrs

Production Flight Test accomplished in accordance with Cirrus Procedure #90500

Name: Ross Rotramel Date 18 JAN 07

Signature: Ross E. Rotramel

Title: Production Flight Test Pilot

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated JAN / 24 / 2007.
The next inspection is due JAN / 31 / 2008.

Troy J. McDonald

Troy J. McDonald
ODARF-405228-CE

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
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Date: 4/21/2016; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 521.5; Total Time: 521.5
Hobbs: 661.2 Flight Hobbs: 521.5

Engine Work

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips X/C 20W50 and 1 pint CamGuard. Ground run for operational and leak checks good.

Jacob Fellmeth
A&P 3710142

Jacob Fellmeth A/P 3710142

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: 7/11/2016; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 537.2; Total Time: 537.2; Engine - Type: IO-360-ES6, S/N: 360319, Time: 537.2; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 537.2
Hobbs Time 678.9, Flight Hobbs 537.2

Airframe Work

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) by inspecting exhaust heat exchanger per Cirrus SB 2X-78-07R1 - no defects noted. Complied with SB 2X-71-10 R2 (3/25/09) Oil Breather Line Insulation Sleeve Installation by installing kit 70230-001. Complied with Cirrus SB2X-28-12R1 (08/19/15) Electric Fuel Pump Inspection - no defects noted. Complied with Cirrus SB2X-52-08R2 (04/22/16) Catcher / Diverter and Gas Strut Rod End Replacement by installing kit p/n 70544-001. Cirrus SB2X-95-12 (04/09/2010) CAPS CMM Line Cutters Rigging Illustration Error not applicable - Line Cutters not replaced during affected period. Complied with Cirrus SA16-02 (3/18/16) Front Mounted Alternator Bracket Assembly Inspection by inspecting the front alternator mount bracket per Continental SIL 15-8 - no defects noted. Completed inspection for continued airworthiness LoPresti Boom Beam - no defects noted.

Inspected and tested ELT in accordance with FAR 91.207(d) - no defects noted. Next due 7/2017.
Replaced induction air filter p/n BA-24 with new. Inspected and weighed cabin fire extinguisher - no defects noted.

Airframe Work 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
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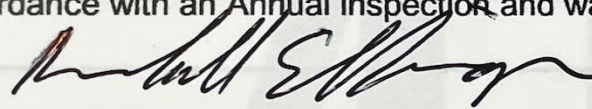
Date: 7/11/2016; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 537.2; Total Time: 537.2; Engine - Type: IO-360-ES6, S/N: 360319, Time: 537.2; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 537.2
Hobbs Time 678.9, Flight Hobbs 537.2

*****Airframe Work Continued*****

Removed elevator trim motor and resecured fasteners with Loctite. Reinstalled assembly into the aircraft and checked operation - no defects noted. Replaced lower rudder hinge bolt p/n AN3-10 with new. Replaced cabin heat duct p/n SCEET10 with new. Adjusted left and right cabin door latches. Repaired screw hole with patch on back side of left cabin door panel upholstery. Replaced stand off for right door interior trim p/n 50757-008 with new.

Performed ground run, operational, and leak checks - no defects noted. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Randall Effinger
A&P 3439510 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

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

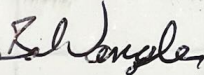
Date: 12/05/2016; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 558.0; Total Time: 558.0
Hobbs Time 704.4, Flight Hobbs 558.0

Airframe Work

Removed parachute assembly BRS p/n 10012/B CDC p/n 20332-001/C s/n 03956. Canopy color Orange/White MFG date 11/06. Insp. BRS2QC. Removed rocket BRS p/n 014000-01/J CDC p/n 15047-001 s/n 3203. Installed parachute assembly CDC p/n 25574-003-REB Rev D s/n 03712R1 packed 05-24-2016. Canopy color Orange/White. Repack due 05/24/2026. Insp. BRS8QC. Installed Cirrus rocket motor p/n 29554-001 and Cirrus rocket base and igniter p/n 29500-003, s/n 2048 MFG date 10-11-2016, expiration date 10/11/2026. Remove CAPS Parachute System. Install re-certified CAPS Parachute and new rocket in accordance with Cirrus Service Bulletin SB2X-95-18R3. Calculated and recorded new weight and center of gravity values, dated 12/05/2016 in accordance with Cirrus Service Bulletin SB2X-95-18R3. Complied with Cirrus SB 2X-95-09R1 CAPS Strap Abrasion Inspection. Complied with Cirrus SB 2X-95-12 (4/9/10) CAPS CMM Line Cutters Rigging Illustration Error. Complied with Cirrus SB 2X-95-13 (11/30/10) CAPS Strap Inspection and Grommet Installation. Cirrus SB 2X-95-07 CAPS Bulkhead 222 Placard Installation had already been complied with. All work performed in accordance with Cirrus Design SR20 Maintenance Manual.

Bobby Wangler

A&P 2702325 IA



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704



Wisconsin Aviation - Watertown
1741 River Drive

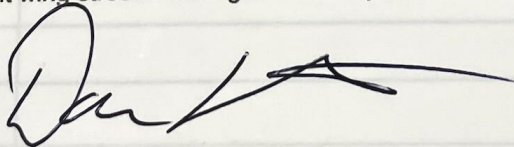
Date: 7/19/2017; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 571.4; Total Time: 571.4

Airframe Work

Replaced right wing strobe / nav light assembly p/n 17140-002 with new.

Dan Stammen

A&P 2636878 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

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
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Date: 8/02/2017; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 572.4; Total Time: 572.4; Engine - Type: IO-360-ES6, S/N: 360319, Time: 572.4; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 572.4

Flight Hobbs: 572.4

Airframe Work

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

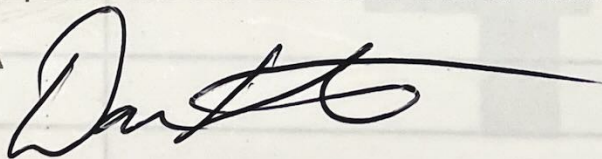
Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted.

Complied with Instructions for Continued Airworthiness for LoPresti Boom Beam, no defects noted. Complied with SB 2X-32-18 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted.

Inspected and weighed cabin fire extinguisher, no defects noted. No labor charge this item included in Annual inspection. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 08/2018.

ELT battery due 12/2022. Replaced #2 batteries p/n 50979-001 with new. Replaced aileron / rudder interconnect shock cord p/n 12983-001 with new. Replaced left main upper main gear fairing mounting bracket p/n 13522-001 with new. Serviced new battery p/n G-243, s/n G02949817 with acid and charged in accordance with Gill Activation and Service instructions. Installed battery in aircraft. Operational check normal. Performed ground run, operational, and leak checks - 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.

Dan Stammen
A&P 2636878 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

1) Per
System

2) C

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

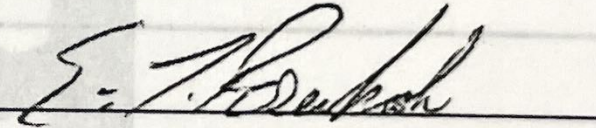
N647MD

Calibrated blind encoder. See biennial for leak check

-----**END**-----

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

DATE: 8-3-2017 HOBBS: 572.4 WO#: AV17-15543 SIGNED:



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

- 1) Performed biennial certification after complying with discrepancy #2. No further discrepancies found. System operations checks good.
- 2) Calibrated blind encoder. See biennial for leak check

F.A.R. 43.11-91.409

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

ALTIMETER, STATIC, AND TRANPONDER CERTIFICATE

Wisconsin Aviation Inc.
 FAA CRS No. DBKR124D

PFD
 Madison, WI 53704

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	0			
Actual ± Ft.	0	X	X	X	X	X	X	X	Temp C	23	40% Max	0	MAKE: Avidyne MODEL: EXP5000 S/N: 20029486		

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.

BLIND ENCODER
 MAKE: ACK
 MODEL: A-30
 S/N: 105181

TRANSPONDER MAKE: Garmin MODEL: GTX-327 S/N: 8372668

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

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: 8-3-2017 W.O.: AV17-15543 Hobbs: 572.4 Signed: *E.T. [Signature]*

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

N647MD

STBY

Madison, WI 53704

Wisconsin Aviation Inc.
FAA CRS No. DBKR124D

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	10	5	5	5	5	0	0	-10	-25	-30	-30	-25	-15	10
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 456658		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	OK	50% Max	15			
Actual ± Ft.	40	X	X	X	X	X	X	X	Temp C	23	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: 8372668

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: 8-3-2017

W.O.: AV17-15543

Hobbs: 572.4

Signed: *E. J. [Signature]*

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

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.

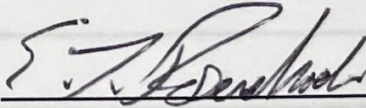
DESCRIPTION OF WORK DONE:

N647MD

Removed Garmin GNS-430W's. Installed and configured New Avidyne IFD 540 and 440 per STC installation manual.
Removed Garmin GMA-340 and installed new Avidyne AMX 240 per installation manual
Removed Garmin GTX-327 transponder and installed new Avidyne AXP-322 remote mounted transponder and FreeFlight Rangr FDL-978 ADS-B in receiver per applicable installation manuals.
Installed # 1 GPS Antenna IAW Cirrus service bulletin(SB-2X-34-24 R1) and new AV 74-1 antenna under aircraft tail IAW Cirrus SB 2X 34-19.
Removed STec 55x autopilot computer.
Installed new Avidyne DFC90 autopilot computer.
Interfaced flap position to autopilot IAW Avidyne DFC90 installation document and manual. Performed servo start up tests recommended in Avidyne DFC90/100 installation manual. Start -ups are: Roll servo-2.1/2.0, Pitch Trim-4.0/4.1.
Systems ramp and leak check satisfactory in accordance with Part 43 app E(a)(2), app F and applicable installation manuals.
See weight and balance for applicable part and serial number changes.

-----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: 5/21/16 HOBBS: 729.7 WO#: AV18-15875 SIGNED: 

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

INSPECTION RECORD

Date: 9/19/2018; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 577.5; Total Time: 577.5; Engine - Type: IO-360-ES6, S/N: 360319, Time: 577.5; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 577.5

Airframe

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted. Next due 831.6 hobbs. Completed Instructions for continued airworthiness for LoPresti Boom Beam, no defects noted. Complied with SB 2X-32-18 by visual inspection of NLG upper gusset plate and attach point arms, defects noted. Stripped paint off suspected crack. Dye checked no defects noted. Complied with SB2X-95-24R1 Special Purpose Equipment - CAPS Rocket Shelf Ground Wire by installation of kit p/n 70572-001. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 9/2019. ELT battery due 12/2022. Battery capacity checked normal, passed at 101%. Top charged battery. Inspected and weighed cabin fire extinguisher, no defects noted. Replaced cabin fire extinguisher, H3R Aviation Model A344T, WO# 439558, s/n 1857 with new. Replaced induction air filter p/n BA-24 with new. Replaced CAPS system reef line cutters with new kit p/n 25347-002. Line cutters p/n 26707-001, s/n 13691 and 13641, Lot # 1 RRL 0518 and MFG date 05/18. Replaced pilot and copilot inflator p/n 20902-005 with new s/n Z7180492051 MFR date A0818. Replaced pilot and copilot Inflater wire harness p/n 20902-006 with new. Replaced pilot and copilot inflator hose adapter p/n 20902-007 with new. Replaced pilot and copilot Inflater bracket p/n 20903-008 with new. Replaced forward nose strut cowl seal p/n 20660-001 and aft nose strut cowl seal p/n 20665-001 with new. Removed, weld repaired and reinstalled right exhaust collector. Replaced right exhaust collector bolt p/n AN4C32 with new. Resealed air oil separator with seal kit p/n 05-15392. Replaced left and right cabin door struts p/n 18200-004 with new. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Doug Seibel
A&P389765035 IA

DWS 1A389765035

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: 10/04/2019; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 579.6; Total Time: 579.6; Engine - Type: IO-360-ES6, S/N: 360319, Time: 579.6; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 579.6

Airframe

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger pressure test and inspection, no defects noted. Next due 679.6 hobbs (BP). Complied with Instructions for continued airworthiness for LoPresti Boom Beam, no defects noted (BP). Complied with SB 2X-32-18R4 Nose Landing gear upper plate and attach point arm inspection, no defects noted (BP). Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 10-2020. ELT battery due 12-2022 (BP). Removed EMA Controller p/n 508358-421, s/n 34322946 and installed EMA Controller p/n 508358-421, s/n 35785190, date of MFG, A09SEP19-3. Expiration Due: Sept 2026 (BP). Replaced #2 batteries p/n 50979-001 with new. Date code 2-2019/E181225XC. Next due 1079.6 or 10-2021 (BP). Inspected and weighed cabin fire extinguisher A344, dated 2018, No.E-93941062, no defects noted (BP). Battery capacity checked normal and passed at 91% (BP). Completed composite repair on left main gear center fairing, center hole per Chap. 51-20 (TP). Replaced baffle spring fastener p/n 641346, and 641347 with new (BP). Resecured left and right exhaust shields with 2 sided tape (BP). 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 IA590747277

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

N647MD

PFD

Madison, WI 53704

608-268-5006

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

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.	-20	+20	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10	+10
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: Avidyne MODEL: EXP5000 S/N: 20029486		
Tol. \pm Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	4	50% Max	10			
Actual \pm Ft.	+20	X	X	X	X	X	X	X	Temp C	19	40% Max	0			

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 TRANPONDER SYSTEM PER FAR 43 APP. F.

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

TRANPONDER MAKE: Avidyne MODEL: AXP-322 S/N: 06501

#2 TRANPONDER

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: 10/8/2019

W.O.: AV19-16745

HOBBS: 736.5

Signed: 

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

N647MD

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

Altimeter
Madison, WI 53704

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	-10	0	0	0	0	0	0	0	0	-20	-20	-20	-20	0	+20
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 12731-002 S/N: 456658		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	4	50% Max	10			
Actual ± Ft.	+50	X	X	X	X	X	X	X	Temp C	19	40% Max	0			

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: Avidyne MODEL: AXP-322 S/N: 06501

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: 10/8/2019 W.O.: AV19-16745 HOBBS: 736.5

Signed: *[Signature]*

BLIND ENCODER

MAKE: ACK
MODEL: A-30
S/N: 105181

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

INSPECTION RECORD

F.A.R. 43.11-91.409

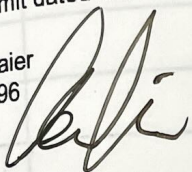
KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE -- CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT

OR SERVICE

Date: 11/16/2020; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772
Hobbs time: **737.4**

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 11/16/2020.

Gerard Maier
AP3603196



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 B 12 11 01 409

Date: 4/01/2021; Aircraft: N647MD; Type: CIRRUS SR20; S/N: 1772; Hobbs: 580.7; Total Time: 580.7; Engine - Type: IO-360-ES6, S/N: 360319, Time: 580.7; Prop - Type: PHC-J3YF-1RF, S/N: FP5374B, Time: 580.7

Airframe

Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with AD 08-11-18 (7/07/2008) SR20 heat exchanger pressure test and inspection in accordance with Cirrus Service Bulletin 2X-78-07 Revision 1, 12/18/2007, no defects noted. Next due 680.7 flight hobbs (jw). AD 20-19-06 McCauley propeller governors idle gear was found to be not applicable by, serial number, and no governor work the affective dates (jw). Complied with instructions for continued airworthiness for LoPresti Boom Beam, no defects noted (jw). Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due Nov 30 2021. ELT battery due Dec 2022 (jw). Replaced ELT remote battery p/n 50479-001 with new. Next replacement due date 3/2028. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted (CSH). Aircraft battery capacity check failed at 62%. Serviced new battery p/n G243, s/n G03100743 with acid and charged in accordance with Gill Activation and Service instructions. Date of manufacture 09/23/20. Installed battery in aircraft. Operational check normal (jw). Inspected and weighed cabin fire extinguisher, no defects noted (jw). Replaced induction air filter with new p/n BA-24 (jw). Replaced nose landing gear pucks p/n 11879-006 with new (gm). Performed ground run, operational, and leak checks - no defects noted. 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.

Jon Weigand
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SERVICE

DATE