



The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DuPage Airport, West Chicago, IL 60185

Date: 2/22/2019 Aircraft: N424CD Model: Cirrus SR20 Serial: 1439 Invoice: 7687

TT A/F: 1628.0 Eng TT: ~~1628.0~~ 83.5 Prop TT: 83.5 ELT Battery Due: 10/2024
 Hobbs: 1628.0 Eng TSO: ~~83.5~~ BLANK Prop TSO: N/A

This aircraft has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and Part 91, Subpart E.

- Found engine PN IO-360-ES27B, SN 1034808 and propeller PN PHC-J3YF-1RF / F7392-1, SN FP9137B installed on this aircraft.
- Accomplished inspection of the ELT per FAR 91.207 (d), 1, 2, 3, and 4. Next due 02/2020.
- Removed ELT PN E-01, SN 049470 and replaced with new PN E-04, SN 025780 Beacon ID 2DC88 AC968 FFBFF, ELT battery exp. 10/24/2023. Removed ELT switch battery and replaced with new PN PX28L. Removed audio alert indicator battery and replaced with new PN CR-2. Removed ELT antenna and replaced with new E-01. Installed new remote faceplate placard.
- Removed induction air filter and replaced with new P/N BA-24. Next due 02/2020 or at Hobbs 1828.0.
- Performed main ship battery capacity check; okay for service.
- Removed fire extinguisher, weighed at 528g and reinstalled; okay for service. Next due 02/2020.
- Complied with ICAs: Garmin GNS 430, Tanis Heater. Okay for service.
- Complied with Cirrus SB2X-32-18R4, eff. 6/18/08, Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection.
- Complied with Cirrus SB2X-71-10R2, eff. 3/25/09, Oil Breather Line Insulation Sleeve Installation by installing new kit PN 70230-001.
- Complied with Cirrus SB2X-95-24R2 CAPS Rocket Shelf Ground Wire by installing new kit PN 70572-001 using new tape PN 51168-002. Aircraft Weight & Balance was updated to reflect this change. See new Weight & Balance dated 1/17/2019 for details: new Empty Weight: 2141.60 lbs., new CG 140.897, new Moment 301744.35, and new Useful Load: 1258.40 lbs.
- Removed LH and RH brake discs and linings and replaced with new discs PN 164-24400 and new linings PN 066-14100 using new rivets PN RA1050200.
- Removed nose landing gear pucks and rebound bumpers and replaced with new pucks PN 11879-006 and new bumpers PN 14020-001 using new washers PN AN970-5 and new nut PN AN310-5.

CONTINUED

CORRECTED LOG TO REFLECT CORRECT ENGT T TO 83.5 HRS.
 ENG. WAS REBUILT TO ZERO TIME AT ACT 1544.5

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DuPage Airport, West Chicago, IL 60185

Date: 5/22/2019

Aircraft: N424CD

Model: Cirrus SR20

Serial: 1439

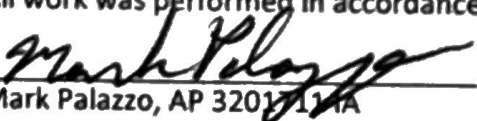
Invoice: 9562

Hobbs: 1633.9

The following work was accomplished:

- Removed PFD P/N 700-00006-000, S/N D1024, sent for repair and reinstalled after repair certified by Extant Aerospace, 1615 W NASA Blvd, Melbourne FL 32901, RS#5S5R934B, WO#23728-17494RS; see FAA Form 8130-3 dated 5/17/2019 for details.
- Removed GNS430 P/N 011-00280-10, S/N 97121366, sent for repair and reinstalled after repair certified by Garmin Intl, 1200 E 151st, Olathe KS 66062, RS# PT3742CE, WO#RMA111121029; see FAA Form 8130-3 dated 5/14/2019 for details.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.


 Mark Palazzo, AP 3201711A

END

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MIDWEST FLIGHT CHECK
The Landings Airport
 Huntley, Il. 60142

FAA Repair Station MFKR583K
 N424CD S/N 1439
 GTX327 83717221
ALTIMETER CALIBRATION

MANUFACTURER: AVIDYNE MODEL: EX5000 S/N: 2327

SCALE ERROR			FRICTION		HYSTERESIS	
ALT	ERROR	TOLERANCE + -	ALT	DIFF		
-1000	0	20	1000	0	50%	
0	0	20	2000	0		
500	-10	20	3000	0	40%	
1000	-10	20	5000	0		
1500	0	25	10000	0	AFTER EFFECT	
2000	0	30	15000	0		
3000	0	30	20000	0	CASE LEAK	
4000	0	35	25000			
6000	+10	40	30000			
8000	+10	60	35000			
10000	0	80	40000			
12000	0	90	45000			
14000	0	100				
16000	0	110				
18000	+10	120				
20000	+10	130				
22000	0	140				
25000		155				
30000		180				
35000		205				
40000		230				
45000		255				
50000		280				

BAROMETRIC SCALE ERROR		
in. of Hg	ALTIMETER	ALTITUDE DIFF + 25
28.10	1727	-1727
28.50	1340	-1340
29.00	860	- 863
29.50	390	- 392
29.92	0	0
30.50	530	+ 531
30.90	893	+ 893
30.99	970	+ 974

TOTAL TIME IN SERVICE

TODAY'S FLIGHT

RECORDING TACH TIME

YEAR 20 DATE

THIS ALTIMETER TESTED IN ACCORDANCE WITH FAR 91.171 AND PART 43, APPENDIX "E"

DATE 5-22-2017
 W.O.# _____
 INSP. Gary Grimmonpre

RECORDING
TACH
TIME

TODAY'S
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Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Aircraft #: N424CD

Model: Cirrus SR20

Date: 1/16/2020

Serial#: 1439

WO#: 20-002

HOBBS: 1618.8

The following work was accomplished:

- Installed new Garmin GDL 82 kit PN 011-03946-40, S/N 4PF007192, new GA 35 antenna P/N 013-00235-00, S/N 185933, new 5A circuit breaker P/N 7277-2-5, labeled "Xponder-UAT", using new cable and new connectors IAW Garmin International STC SA02573SE and referencing Garmin GDL 82 TSO Installation Manual P/N 190-01810-00 Rev. 5. Electrical load analysis and operational check completed satisfactory and IAW Installation Manual. Operation checked normal. GDL 82 certified by Garmin International, 1200 E 151st, Olathe KS 66062, RS# PT3742CE, WO#170482324; see FAA Form 8130-3 dated 1/6/2020 for details. Updated Weight and Balance in AFM: New Empty Weight 2142.82 lbs., New CG 140.88, New Moment 301880.99, New Useful Load 857.18 lbs. Installed GDL 82 Supplement in AFM. See FAA Form 337 dated 1/16/2020 for details.

I certify that this aircraft has been inspected or repaired in accordance with current Federal Aviation Regulations and manufacturer's recommendations and is approved for return to service.

Signed:

Christophe Merani, 3435422 IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N424CD

01-16-2020

After installation of GDL 82, performed operational check of transponder; found to be within frequency. Operation checked normal; okay for service.

I certify the systems identified above have been tested IAW current regulations of the Federal Aviation Administration and are approved for return to service.



Gary Grimmonpre MFKR583K Repair Station

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RECORDING DATE TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Aircraft #: N424CD Model: Cirrus SR20 Serial #: 1439
 Date: 05/20/2020 WO#: 20-123

ACTT: 1697.4 IFR DUE: 05/2021 ENG TT: 152.9 PROP TT: 152.9
 HOBBS: 1697.4 ELT INSP DUE: 05/2021 ENG TSO: PROP TSO:

This AIRFRAME has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R. Part43, Appendix D, and Part 91, Subpart E.

- Accomplished inspection of the ELT per FAR 91.207 (d), 1, 2, 3, and 4. Next due 05/2021. Found battery to expire 10/24/2023.
- Removed and replaced induction air filter with new P/N BA-24.
- Removed and replaced #2 batteries with new P/N 50979-001 (qty 2). Re-bonded #2 battery standoffs.
- Weighed fire extinguisher. Found ok for service.
- Accomplished Tanis Heater Annual ICA. No defects noted.
- Accomplished Garmin GDL82 Annual ICA. No defects noted.
- Performed leak check on fuel system boost pump. No leaks noted.
- Removed gascolator fuel filter, cleaned, inspected, and reinstalled.
- Performed inspection on rudder aileron interconnect bungee cord. No defects noted.
- Tightened alternator #1 belt tension and safetied.

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**RECORDING
TACH
TIME**

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FLIGHT**

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Aircraft #: N424CD

Model: Cirrus SR20

Serial #: 1439

Date: 05/20/2020

WO#: 20-123

- Removed and replaced mixture rod end with new P/N 11314-003.
- Removed and replaced throttle rod end with new P/N 11314-003.
- Tightened oil cooler standoff bumper.
- Tightened LH and RH inboard aileron attach fittings.
- Rigged elevator to neutral and set cable tensions. Secured turnbuckles with new clips P/N MS21256-2 (qty 4). Verified travels.
- Tightened elevator push/pull tube lower bolt and cotter keyed.
- Removed and replaced worn screws on LH and RH wheel pants.
- Removed exhaust heat exchanger 20559-001 and installed improved heat exchanger P/N A20559-002 using new shroud P/N 10869-002. This complies with SB 2X-78-07 R1.
- Reestablished ground in LH wing tip to correct LH fuel cap resistance error. Resistance is now at 10.1 Ohms.
- Removed and replaced RH upper wheel pant fairing wellnut using new P/N 50802-001.
- Removed nose fork, cleaned, and reinstalled. Reset nose fork tension to 25 lbs.
- Re-bonded RH lower wing root fairing using new tape P/N 50640-045 (8ft).
- Re-bonded RH main wheel pant rubber spacer.

CONTINUED

RECORDING
TACH
TIME

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SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Aircraft #: N424CD

Model: Cirrus SR20

Serial #: 1439

Date: 05/20/2020

WO#: 20-123

- ADs were checked through 2020-10.
 - AD 1993-05-06, eff. 04/29/1993, ACS Switches. No action required until ACTT 2000.
 - AD 2008-11-18, eff. 07/07/2008, Exhaust System Inspection. Accomplished inspection. Next due at ACTT 1797.4.

All work was performed in accordance with manufacturer's specifications and with current Federal Aviation Regulations. I certify that this AIRFRAME has been inspected or repaired in accordance an annual inspection and was determined to be in AIRWORTHY condition.

Signed: _____

Mark Palazzo
Mark Palazzo, AP 201711 IA

END

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Aircraft #: N424CD
Date: 06/08/2020

Model: Cirrus SR20
WO#: 20-147

Serial #: 1439

ACTT: 1700.5 HOBBS: 1700.5

The following work was accomplished:

- Removed transponder GTX327, P/N 011-00490-00, S/N 83717221 and installed serviceable transponder GTX327, P/N 011-00490-00, S/N 83706984. Ops check good.

All work was performed in accordance with manufacturer's specifications and with current Federal Aviation Regulations.

Signed: _____

Christophe Merani, AP 3435422 IA

20
DATE TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.)



Aircraft #: N424CD Model: Cirrus SR20 Serial #: 1439
Date: 05/25/2021 WO#: 21-183

ACTT: 1793.2 IFR DUE: 05/2021 ENG TT: 248.7 PROP TT: 248.7
HOBBS: 1793.2 ELT INSP DUE: 05/2022 ENG TSO: N/A PROP TSO: N/A

This AIRFRAME has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R. Part43, Appendix D, and Part 91, Subpart E.

- Accomplished inspection of the ELT per FAR 91.207 (d), 1, 2, 3, and 4. Next due 05/2022. Found ELT battery to expire 10/24/2023.
- Removed and replaced induction air filter with new P/N BA-24.
- Performed fire extinguisher weight check. Found ok for service.
- Removed fuel injector nozzles, cleaned, inspected and reinstalled. Ok for service.
- Accomplished Tanis Heater Annual ICA. No defects noted.
- Accomplished Garmin GDL82 Annual ICA. No defects noted.
- Performed engine mount and lower mount attach fittings 500-hour torque check. Ok for service. Next due at Hobbs 2293.2.
- Removed gascolator, cleaned, inspected, and reinstalled using new oring P/N MS29513-137.
- Performed inspection on rudder aileron interconnect bungee cord. No defects noted.

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Aircraft #: N424CD

Model: Cirrus SR20

Serial #: 1439

Date: 05/25/2021

WO#: 21-183

- Removed pitch trim actuator upper bolt and bushings and replaced with new bushings P/N 50200-001 (qty 2), bushing P/N 11268-001 (qty 1), bolt P/N AN3-17 (qty 1), washers P/N NAS1149D0332J (qty 2) and nut P/N MS17826-3 (qty 1).
- Removed and replaced RH MLG upper fairing wellnuts with new P/N 50802-001 (qty 3).
- Removed nose fork bushings and replaced with new bushing P/N 50543-001 (qty 1), bearing P/N 50544-001 (qty 1), thrust washer P/N 50545-001 (qty 1), washer P/N AN970-8 (qty 1), belleville washer P/N 50750-101 (qty 4), nut P/N MS17826-8 (qty 1), washer P/N NAS1149F0863P (qty 1), and set screw P/N 51183-426 (qty 1).
- Removed RH Main Tire P/N 156E66-4, S/N 31632105 with tube and replaced with new tire P/N 156E66-4, S/N 10590318 using new tube P/N 097-500-0. See FAA Form 8130-3 dated 30 March 2021 from Goodyear Tire & Rubber Co., 100 Business Center Dr., Stockbridge, GA 30281, Auth No. PT2265CE, WO# 791107286500 for details on part.
- Rebonded RH main landing gear wheel pant bumper as required.
- ADs were checked through 2021-10.
 - AD 1993-05-06, eff. 04/29/1993, ACS Switches. No action required until ACTT 2000.

CONTINUED

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Aircraft #: N424CD

Model: Cirrus SR20

Serial #: 1439

Date: 05/25/2021

WO#: 21-183

- AD 2020-19-06, eff. 11/03/2020, Idler Gear Bearing Unapproved Variant. AD is N/A by governor S/N.
- AD 2008-11-18, eff. 07/07/2008, Exhaust System Inspection. Accomplished inspection. Next due at ACTT 1893.2.

All work was performed in accordance with manufacturer's specifications and with applicable Title 14 CFRs. I certify that this AIRFRAME has been inspected or repaired in accordance an ANNUAL inspection and was determined to be in AIRWORTHY condition.

Signed:


Sean Garafalo, AP 3743693 IA

END

General Aircraft Maintenance

40W263 Apache Ln Huntley IL 60142

847-385-1245

Repair Station MFKR583K

N424CD
GTX 327

S/N 1439
S/N 83717221

ALTIMETER CALIBRATION

MANUFACTURER: AVIDINE MODEL: EX5000 S/N: 2327

SCALE ERROR			FRICTION		HYSTERESIS	
ALT	ERROR	STBY TOLERANCE		ALT	DIFF	
		+	-			
-1000	0	20		1000	0	50% 0
0	5	5	20	2000	10	
500	+10	10	20	3000	10	40% 0
1000	10	10	20	5000	5	
1500	0	0	25	10000	5	
2000	+20	+20	30	15000	10	AFTER EFFECT 0
3000	+20	+20	30	20000	20	
4000	+20	+10	35	25000		CASE LEAK 0
6000	0	0	40	30000		
8000	0	0	60	35000		
10000	0	0	80	40000		
12000	0	0	90	45000		

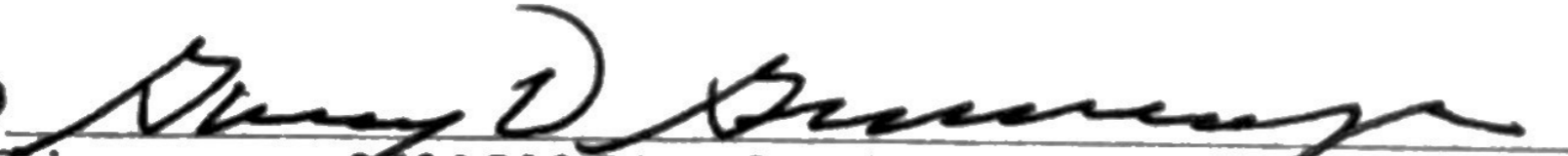
BAROMETRIC SCALE ERROR

in. of Hg	ALTIMETER	ALTITUDE DIFF + 25
28.10	1720	-1727
28.50	1740	-1740

N 424CD

Date: 7-7-21

The altimeter and static system test required by FAR91.411 and FAR43 Appendix "E" have been satisfactorily performed: para (a) Static system: para (b) Altimeter tested to 20,000ft: ALTIMETER model: AVIDYN s/n: 2327 The Integrated Altitude Reporting System test required by Far 91.411 and FAR 43 Appendix "E" have been satisfactorily performed. The ATC Transponder test and inspections required by FAR 91.413 and FAR App. "F" have been satisfactorily performed; TRANSPONDER model: GTX327 s/n: 83717221 The aircraft or component identified above has been inspected and passed, IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

SIGNED 
Gary D Grimmonpre 2621508 IA, CRS# MFKR583K

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JW AVIATION INC. - TCS, CLOW International Airport, DOWNSBORO VT

TYPE: Cirrus SR20

'N' #: N424CD

DATE: 09/07/2021

At this time, the nosewheel was removed and replaced with a new tire (P/N 072-314-0) and tube (P/N GL-5067B).

Tach: 1815.7 HRS

S/N: 1439

-----END-----


Morgan R. A&P 3870351

RECORDING
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Description of Inspections, Tests, Repairs and Alterations

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Date: 6/08/2022; Aircraft: N424CD; Type: CIRRUS SR20; S/N: 1439; Hobbs: 1861.0; Total Time: 1861.0;
Engine - Type: IO-360-ES(27)B, S/N: 1034808, Time: 316.5; Prop - Type: PHC-J3YF-1RF, S/N: FP9137B, Time:
316.5

Airframe

Completed an annual inspection in accordance with FAR 43, Appendix D (BP). Complied with AD 08-11-18 (7/7/08) SR20 heat exchanger by pressure test and inspection, no defects noted (BP). Next due 1961.0 hobbs. Completed instructions for continued airworthiness for Tanis heat system, no defects noted (BP). Complied with SB 2X-32-18 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted (BP). Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 6/2023. ELT battery due 10/2023 (BP). Inspected and weighed cabin fire extinguisher, Model RT-A400, No. Y-485761, Dated 2016, no defects noted (BP). Replaced induction air filter p/n BA-24 with new (BP). Replaced copilot door handle screw p/n 51377-001 with new (tkb). Replaced pilot door panel screw p/n 50834-014 with new (tkb). Replaced cowl lower seal tape p/n 53722-063U with new (BP). 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.

Benjamin J. Pitterle
A&P390747277 IA

Benjamin J. Pitterle FA390747277

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



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

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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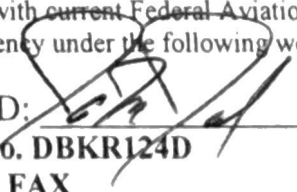
WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N424CD

Removed and replaced GPS 1 and GPS 2 coax cables with RG-400 and new fittings. Relocated GDL 82 GPS antenna to top of aircraft. Replaced disintegrating transponder antenna from transponder to GDL82. Redirected GDL 82 power wire. Operational check good.--END---

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

DATE: June 17, 2022 HOBBS: 1862.5 WO#: AV22-0567 SIGNED: 
 3632 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
 (608) 268-5006 (608) 268-5038 FAX

WISCONSIN AVIATION FOUR LAKES, INC.

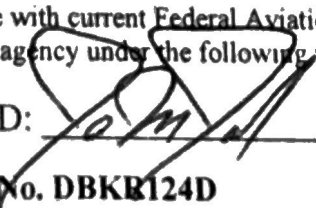
DESCRIPTION OF WORK DONE:

N424CD

Removed #1 Garmin GNS-430 p/n 011-00280-10 s/n 97121366 and installed Loaner Garmin GNS-430 p/n 011-00280-10 s/n 97131989. Removed #2 Garmin GNC-420 p/n 011-00506-10 s/n 97202410 and installed Loaner Garmin GNS-430 p/n 011-00280-10 s/n 97109223. Configured both #1 and #2 Nav/Com/GPS's for Cirrus. Units acquired satellites. System ramp checked satisfactory.

-----END-----

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

DATE: 24-Jun-2022 HOBBS: 1867.8 WO#: AV22-0590 SIGNED: 
 3632 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
 (608) 268-5006 (608) 268-5038 FAX

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N424CD

Removed Garmin GA56 antenna P/N 011-00134-00 S/N 69094542 and S/N 59094553 and installed Garmin GA56 antenna P/N 011-00134-00 S/N 59072656 and S/N 59418557 for testing purposes. Cleaned EGT #4 and #6 thermocouple wire contacts at engine to correct erratic/intermittent operation. System ramp checked satisfactory.

-----END-----

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

DATE: July 1, 2022 HOBBS: 1870.5 WO#: AV22-0598 SIGNED: 

3632 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

WISCONSIN AVIATION FOUR LAKES, INC.

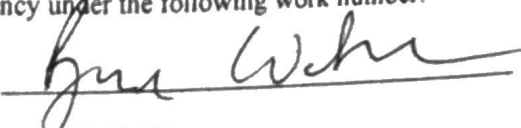
DESCRIPTION OF WORK DONE:

N424CD

Removed #1 Loaner Garmin GNS-430 p/n 011-00280-10 s/n 97131989 and installed customer's Garmin GNS-430 p/n 011-00280-10 s/n 97121366. Removed #2 Loaner Garmin GNS-430 p/n 011-00280-10 s/n 97109223 and installed customer's Garmin GNC-420 p/n 011-00506-10 s/n 97202410. System ramp checked satisfactory.

-----END-----

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

DATE: July 8, 2022 HOBBS: 1876.4 WO#: AV22-0604 SIGNED: 

3632 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE
N6205J

Wisconsin Aviation - Four Lakes 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.	-10	10	5	10	10	10	10	0	-10	-30	-45	-60	-60	-60	-40
Test Alt. x 1k Ft	20	22	25	30	35	40	45	50	Case Leak	OK	Hysteresis Tol + 75 Ft.		ALTIMETER MAKE: United MODEL: 5934D-3 S/N: 451945		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	61	50% Max	25			
Actual ± Ft.	0	X	X	X	X	X	X	X	Temp C	20	40% Max	30			

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: 83712855

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: 6/22/23 W.O.: AV23-1030 Hobbs: 2054.7 Signed: *Justin P.*

BLIND ENCODER
MAKE: TCI
MODEL: SSD120-30A
S/N: A54539

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

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

N424CD

PFD

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

Madison, WI 53704

608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	0	0	0	0	0	0	0	0	0	0	0	0	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: EXP 5000 S/N: 2327		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	35	50% Max	0			
Actual ± Ft.	10	X	X	X	X	X	X	X	Temp C	24	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: 83706984

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: 22-June-2023

W.O.: AV23-1036

Hobbs: 1985.7

Signed: 

BLIND ENCODER

MAKE: Same
MODEL: As
S/N: Above

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE
N424CD

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

Stby
Madison, WI 53704

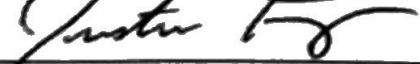
608-268-5006

Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tol. ± Ft.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual ± Ft.	0	10	10	10	10	10	10	0	0	0	-10	-10	-10	0	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: 5934D-3 S/N: 439537		
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol. 100 Ft	35	50% Max	20			
Actual ± Ft.	40	X	X	X	X	X	X	X	Temp C	24	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: 83706984

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: 22-June-2023 W.O.: AV23-1036 Hobbs: 1985.7 Signed: 

BLIND ENCODER

MAKE: TCI
MODEL: SSD120-30N
S/N: 19397

#2 TRANSPONDER

MAKE: X
MODEL: X
S/N: X

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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Date: 7/01/2023; Aircraft: N424CD; Type: CIRRUS SR20; S/N: 1439; Hobbs: 1985.7; Total Time: 1985.7;
 Engine - Type: IO-360-ES(27)B, S/N: 1034808, Time: 441.2; Prop - Type: PHC-J3YF-1RF, S/N: FP9137B, Time:
 441.2

Airframe

Completed an annual inspection in accordance with FAR 43, Appendix D (des). Complied with AD 08-11-18 SR20 heat exchanger by pressure test and inspection, no defects noted (des). Next due ACTT 2085.7.
 Completed Instructions for continued airworthiness for Tanis heat system, no defects noted (des). Complied with SB 2X-32-18 by visual inspection of NLG upper gusset plate and attach point arms, no defects noted (des).
 Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 6/24. 15-Digit HEX ID: 2DC88 AC968 FFBFF. Country Code: 366. ELT battery due 10/23 (des). Inspected and weighed cabin fire extinguisher, Model RT-A400, No. Y-485761, Dated 2016, no defects noted (des). Replaced CAPS system reef line cutters with new kit p/n 25347-002. Line cutters p/n 26707-001, s/n 22948 and 22891, Lot # 1 RRL 0523 and MFG date 05/23 (des). Replaced #6 EGT p/n14554-001 and CHT p/n 14880-001 with new (CSH). Replaced well nut p/n 50803-001 with new (des). Replaced left main tire with new, p/n 156E66-4, s/n 30420715 and tube p/n 097-500-0. Cleaned, inspected, and repacked wheel bearings. Reinstalled wheel and tire assembly (tkb).
 Replaced left and right brake linings p/n RA066-14100 with new (CSH). Replaced spindle cup p/n 11637-001, bearing p/n 50544-001 and flanged bearing p/n 50543-001 with new (CSH). Replaced air/oil separator seal p/n ORK-OS850 (CSH). 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.

Doug Seibel
 A&P389765035 IA

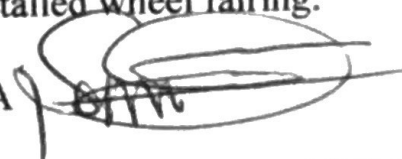
DW S 1A389765035


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




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

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for certification)
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REG: N424CD MAKE: CIRRUS MODEL: SR20 SN: 1439
 DATE: June 2nd 2024 TACH: 2031.4
 Raised nose of aircraft and removed the flat nose wheel. Replaced tire with Goodyear tire PN 505C61-8 and tube PN 302-013-400 Tires was serviced with air IAW AMM at 40 PSI and reinstalled wheel fairing. This aircraft has been released for RTS.
 AeroQualite Maintenance Otieno Oduor A&P 3265490 IA 
 Tel 715-205-9380

REG: N424CD MAKE: CIRRUS MODEL: SR20 SN: 1439
 DATE: July 10th 2024 Hobbs: 2037.4
 Accessed aircraft and performed Annual inspection IAW FAA FAR 43 Appendix D and Cirrus MM as guides. Lubricated aircraft. Complied with AD 08-11-18 for SR20 heat exchanger bypressure test inspection and no defect noted. Tested ELT per FAR 91.207 (d)1-4, found satisfactory; Replaced battery new due for replacement June 21, 2029. Serviced tires with air, outgoing air pressure - right 62PSI, nose 35 PSI, left 62PSI. Measured brake discs LH 0.462 ; RH 0.463. Serviced brake reservoir. Checked security of main landing gear upper bracket for excess free play. Disassembled, cleaned yoke bearings, reassembled. Replaced Thrust washer PN 50545-001. Checked tension of nose castor and set at 31lbs. Cleaned, inspected and repacked the wheel bearings and reinstalled. Cleaned and lubricated throttle quadrant. Removed and cleaned gascolator; checked lines for security; reinstalled. Replaced air filter PN BA-24. Replaced cracked drain tube PN 12005-001. Fire extinguisher weighed and found to be within. Replaced harness for the landing light and bulb for the left nav light. Battery 2 were replaced with new ones PN 50979-001. Exhaust springs were all replaced.
 AD checked and update upto Bi-weekly 2024-13
 I certify that this aircraft has been inspected IAW an ANNUAL inspection as per Cirrus AMM and was determined to be in Airworthy condition. Next Inspection due July 30th 2025.
 Otieno Oduor A&P 3265490 IA 
 www.aeroqualitemaintenance.com

Aug 9th 24 REPLACED MANIFOLD PRESSURE SENSOR WITH NEW UNIT
 2050-6 P/N 12635-003. AIRCRAFT RELEASED FOR RTS.
 A&P 3265490 IA

YEAR
20
DATE



- Madison, WI 608-268-5003 Dane County Regional Airport (MSN)
- Watertown, WI 920-261-4567 Watertown Municipal Airport (RYV)
- Juneau, WI 920-386-2402 Dodge County Airport (UNU)

ratios
nber of
entries.)

Date: 10/09/2024; Aircraft: N424CD; Type: CIRRUS SR20; S/N: 1439; Hobbs: 2071.1; Total Time: 2071.1
Airframe

Complied with SB SB2X-95-31R1CAPS rocket motor assembly replacement by installing kit p/n 70789-401. Removed parachute assembly CDC p/n 25574-003-REB s/n03634R1 . Canopy color Orange/White MFG date 8/20/2014. Insp. 12. Removed rocket CDC p/n 29554-001 s/n 0605. Installed parachute assembly CDC p/n25337-005 s/n FEC1142 packed 07/18/2024. Canopy color Red/Orange. Repack due 07/18/2034. Insp. 141. Installed Cirrus rocket motor p/n 29554-405 and Cirrus rocket base and igniter p/n 46560-001, s/n 0613 MFG date 8/14/2024 Expiration date 8/14/2034 Squib Lot PE2CYY0004 Squib Serial Number 240503 (CSH). Left and right forward CAPS straps found to be chaffed beyond allowable limits. See attached email from Cirrus Design stating straps do not meet the design tolerance for the damage and must be changed. All work performed in accordance with approved/current technical data.

Carlos Sampayo Hernandez
A&P 4595299



- Madison, WI 608-268-5003 Dane County Regional Airport (MSN)
- Watertown, WI 920-261-4567 Watertown Municipal Airport (RYV)
- Juneau, WI 920-386-2402 Dodge County Airport (UNU)

Date: 10/17/2024; Aircraft: N424CD; Type: CIRRUS SR20; S/N: 1439; Hobbs: 2071.1; Total Time: 2071.1
Airframe

This aircraft has been inspected and has been found safe for the intended flight in accordances with Special Flight Permit dated 10/17/2024. AD's checked thru 2024-20.

Bobby Wangler
A&P 2702325 IA

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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20
DATE

JW Aviation Inc. – IC5, Clow International Airport, Bolingbrook IL

(Number of
fic entries.)

TYPE: Cirrus SR20
'N' #: N424CD
DATE: 02/19/2025

Hobbs: 2072.9 HRS

S/N: 1439

At this time, I certify that this aircraft has been inspected and is in a safe condition for the intended Special Flight Permit dated February 20, 2025; ADs were checked through Bi-Weekly 2025-04 and there are no ADs that require compliance at this time.
AD2024-24-11, effective 12/23/24, on cracks/failure of the upper power lever does not apply by affected parts not installed.

-----END-----

Morgan Rink
Morgan Rink A&P 3870351

MAKE: Cirrus Design Corp
MODEL: Sr20
S/N: 1439
REG. NO: N424CD



All In Aviation Maintenance
FAA Cert: L9OR473Y
2830 North Rancho Drive Ste. A
Las Vegas, NV 89130

W/O #: VGT13809-12-2024
DATE: 07-21-2025
AFTT: 2085.2
HOBBS: 2085.2

Airframe Entries

- Removed parachute and rocket to facilitate CAPS strap replacement. Removed and replaced left CAPS strap IAW FRA00024174 and Cirrus SR20 AMM, 51-00. Reinstalled parachute and rocket IAW Cirrus SR20 CMM.
- Removed parachute and rocket to facilitate CAPS strap replacement. Removed and replaced right CAPS strap IAW FRA00024174 and Cirrus SR20 AMM, 51-00. Reinstalled parachute and rocket IAW Cirrus SR20 CMM.
- Removed and installed new fuselage stripes IAW Cirrus SR20 AMM, 11-20.
- Performed bodywork and paint as required IAW Cirrus SR20 AMM 51-00.
- Removed and replaced N numbers N424CD IAW Cirrus SR20 AMM, 11-20.
- Reinstalled left and right wing root fairings IAW Cirrus SR20 AMM, 53-50.
- Complied with ELT inspection per §91.207 (d). Operational check was good with no defects noted. Battery Due: Jun/21/2029. Installed ELT IAW Cirrus Sr20 AMM 25-60.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Relevant details are on file at this facility under the above WO number.

DATE: 07-21-2025

SIGNED *Travis Anderson*
Travis Anderson
FAA Cert: L9OR473Y

WORK ORDER: VGT13809-12-2024
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