

N98LW

692205

52-22-2-28

26 Mar 09

5.7hrs

Life

1

TRANS

P 3

to CT

MODE S

12/TURBO

AIRCRAFT LOG

AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER	<u>K36</u>
PRIMER	<u></u>
COLOR	<u>FBC92813</u>
COLOR	<u>FBC37121</u>
COLOR	<u></u>
CLEAR	<u>E3905</u>

Aircraft Log

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TC # A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR-22 DATE OF MFG. Apr 2009

SERIAL NUMBER 3428 REGISTRATION NUMBER N986W

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	IO-550M	R 692205
ENGINE			L
PROPELLER	Hartzell Propeller Inc.	PHK-J341F-IN	N583B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE			R
			L
ENGINE			R
			L
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

[illegible]

DATE	DESCRIPTION OF ALTERATION
	4

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
Life Limited Parts SR22							
PART NAME	PART NUMBER				EXPIRES		
CAPS Rocket Motor	21814-001		S/N 4574		04/2018		
CAPS Parachute	20331-001		S/N 03862		02/2019		
CAPS Reeling Line Cutters	5212		LOT TO 5086 063-054		7/9/22 08/2014	→ 07/22 F	
ELT Battery Pack	452-6499		Date Installed 02/2009		03/2015	~~04/2015~~ → 05/2028	
EMA Controller, AAIR	20902-001		S/N 05560894		09/2018	← 11/28 F	
Oxygen Bottle Assembly	100N0020-4		MFG Date 12/07		12/2022	→ 11/2025 F	
CO Detector	24660-002		S/N 86308		02/2016	→ (12/04/28) (per Chap 1)	
Pilot Seat Inflator Assembly	20902-002		AASI 275V S/N 30803		12/1/18		
Co-Pilot Seat Inflator Assembly	20902-002		AASI 275V S/N 30658		12/1/18		

ACR ELECTRONICS, Inc.
 ARTEX PRODUCTS - CAGE Code: 18560
 Fort Lauderdale, FL 33312
 ME406 LITHIUM BATTERY PACK MnO2
 PART NO: 452-6499 REV: F
 TSO C126 S.N.: 390215-042
 EXPIRATION DATE: May /2028 DO-227
 ENV CAT D1XBC[204][204]XRXXXXXXAZZ[204]H[XXXX]XXX

LIFE LIMITED PARTS OR OVERHAUL REQUIRED

KRAM

Kanawha Regional Aviation Maintenance
400 Eagle MT Rd Charleston, WV 25311
Maintenance Record Entry

N98LW

Date: 07/16/09

Hobbs: 105.0

Removed nose tire and tube. Installed new Tire P/N: 070-312-0, S/N: 8132W00263 with new tube P/N: 092-308-0, S/N: N/A. Work was done I/A/W Sirrus SR22G3 Maintenance Manual. This aircraft was approved for return to service.

Brian D. Hilmon

Brian D Hilmon
A&P 3204061

ENGINE MODEL:
IO550N(60)
ENGINE S/N: 692205
REG. NO: N98LW
WORK ORDER:
1869-08-2011

Advanced Aircraft Services

530 Airport Rd.
Llutz, PA 17543
Phone: 717-735-5179

DATE: 8/3/2011
A/C TSN: 464.2
ENG TT: 464.2
HOBBS: 577.8

Engine Entries

Replaced the MAP sensor, retensioned the connector pins and applied DC4 to the baffle pass thru plugs. Ops/check good.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1869-08-2011, Dated 8/3/2011.

DATE: 8/3/2011

SIGNED: *Richard A. Barnhart II*

Work Order: 1869-08-2011

Richard A. Barnhart II, IA: 3124994AP

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG. NO: N98LW
WORK ORDER:
28521-02-2011



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miaminsburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 2/24/2011
A/C TSN: 367.9
FLIGHTTIME: 367.9

AGENCY
CERT. NO.

Airframe Entries

(1) Installed new TKS quantity dials. Ops checked ok.... (3) Serviced tire pressures.... (4) Topped off oxygen.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28521-02-2011.

DATE: 2/24/2011

SIGNED: *Gary R. Kromer*

Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 28521-02-2011

Printed by EBis 3 (datcomedia.com)

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
---------------------	------------------	-------------------------	-------------------------	-------------------------------	-------------------------------	---

Commander-Aero Inc. - CRS-GA5R-876M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

"I certify that the altimeter and static tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per para (A) and (B) appendix E FAR 43."

Pits Make: **Garmin** Model: **GDC-74** S/N: **20605993**

Has been tested to: **25,000** feet.

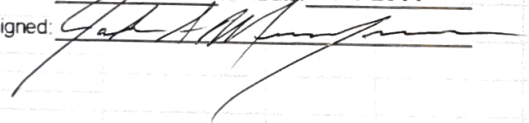
Stby Make: **United** Model: **5934P-** S/N: **As Installed**

Has been tested to: **25,000** feet.

Altitude reporting system has been tested to: **25,000** feet, per para (C) appendix E FAR 43.

Details of this inspection are on file at this repair station under

W.O.#: **28640-06-2011** Date: **6-1-2011**

Signed: 

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL
NUMBER

Commander-Aero Inc. - CRS-GA5R-876M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

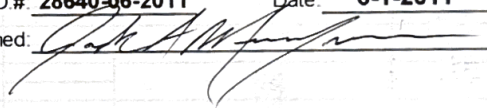
"I certify the ATC transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F."

#1 Make: **Garmin** Model: **GTX-33** S/N: **89108309**

#2 Make: **N/A** Model: **N/A** S/N: **N/A**

Details of this inspection are on file at this repair station under

W.O.#: **28640-06-2011** Date: **6-1-2011**

Signed: 

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.	DATE
6/12/13	Commander-Aero Inc.	- CRS-GA5R-876M		10570 Springboro Pike Miamisburg, OH 45342	Phone 937-885-5580 FAX 937-885-5586			12/2/09
"I certify that the altimeter and static tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per para (A) and (B) appendix E FAR 43." PFD Make: <u>Garmin</u> Model: <u>GDC-74A</u> S/N: <u>20605993</u> Stby Make: <u>United</u> Model: <u>5934AD-3</u> S/N: <u>472221</u> Has been tested to: <u>25,000</u> feet. Altitude reporting system has been tested to: <u>25,000</u> feet, per para (C) appendix E FAR 43. "I certify the ATC transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F." Make: <u>Garmin</u> Model: <u>GTX-33</u> S/N: <u>89108309</u> Details of this inspection are on file at this repair station under W.O.#: <u>29383-06-2013</u> Date: <u>6-12-13</u> Signed: <i>[Signature]</i>								

RADIO & ELECTRONIC CHECKS

TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
MAKE: Cirrus MODEL: SR22 S/N: 3428 REG. NO: N98LW WORK ORDER: 28088-11-2009	Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580				DATE: 12/3/2009 A/C TSN: 166.2 HOBBS: 166.2
Avionics Entries (1) Performed "Perspective Avionics" Software Upgrade to Ver 0764.06 according to Cirrus SB-2X-42-06, Dated Sept. 8, 2009 and SR-22 Airplane Maintenance Manual, Sec 42-20. Maintenance Release The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28088-11-2009, Dated 12/3/2009. DATE: 12/3/2009 SIGNED: <i>[Signature]</i> Work Order: 28088-11-2009 Musgrave, Jack Certified Repair Station No. GA5R-876M Printed by EBis 3 (datcomedia.com)					
MAKE: Cirrus MODEL: SR-22T S/N: 3428 REG. NO: N98LW WORK ORDER: 28537-02-2011	Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580				DATE: 2/25/2011 A/C TSN: 367.9 F1 K4 TIME: 367.9
Avionics Entries (1) Installed Integrated Modular Avionics Cirrus "Perspective" Software Ver 0764.00 I.A.W. Cirrus Service Bulletin # SR2X-42-06 R2, Dated February 01, 2011. Placed Revision to Pilot's Operating Handbook, GFC-700 Automated Flight Control System, Cirrus PIN 13772-135, Revision 03, Dated 12-14-10 aboard the aircraft. The Electronic Stability and Protection (ESP) option was NOT installed. Maintenance Release The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28537-02-2011. DATE: 2/25/2011 SIGNED: <i>[Signature]</i> Work Order: 28537-02-2011 Musgrave, Jack Certified Repair Station No. GA5R-876M Printed by EBis 3 (datcomedia.com)					

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: RE — CERT. NO.																																																				
 THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case road Columbus, Ohio 43235-2526 CRS# IKBR028F																																																										
Date: 07-22-2016 Work Order #AM07192 N#: 98LW Aircraft Make/Model: Cirrus SR22 Serial #: 3428 Tach. Time: 1391.6																																																										
Airframe Log: 1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B. 2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C. 3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F "Maintenance Release" The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.																																																										
Altimeter P/N: GDC-74A	Altimeter S/N: 20605993	Tested to: 25,000 FT	Next Due: 07/2018																																																							
Altimeter P/N: 5934AD-3	Altimeter S/N: 472221	Tested to: 25,000 FT	Next Due: 07/2018																																																							
Xponder P/N: GTX-33	Xponder S/N: 89108309	Tested to: 25,000 FT	Next Due: 07/2018																																																							
Signature: 				for FAA CRS # IKBR028F																																																						
Scale Corrections for: N98LW Altimeter Serial#: 20605993 <table border="1"> <thead> <tr> <th>Test Points</th> <th>Indicator Error</th> <th>Test Points</th> <th>Indicator Error</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>-10</td><td>14,000</td><td>-10</td></tr> <tr><td>0</td><td>10</td><td>16,000</td><td>-10</td></tr> <tr><td>500</td><td>0</td><td>18,000</td><td>-20</td></tr> <tr><td>1,000</td><td>-10</td><td>20,000</td><td>-20</td></tr> <tr><td>1,500</td><td>-10</td><td>22,000</td><td>-60</td></tr> <tr><td>2,000</td><td>-10</td><td>25,000</td><td>-40</td></tr> <tr><td>3,000</td><td>0</td><td>30,000</td><td>****</td></tr> <tr><td>4,000</td><td>0</td><td>35,000</td><td>****</td></tr> <tr><td>6,000</td><td>0</td><td>40,000</td><td>***</td></tr> <tr><td>8,000</td><td>-10</td><td>45,000</td><td>****</td></tr> <tr><td>10,000</td><td>0</td><td>50,000</td><td>*****</td></tr> <tr><td>12,000</td><td>0</td><td></td><td></td></tr> </tbody> </table>							Test Points	Indicator Error	Test Points	Indicator Error	-1000	-10	14,000	-10	0	10	16,000	-10	500	0	18,000	-20	1,000	-10	20,000	-20	1,500	-10	22,000	-60	2,000	-10	25,000	-40	3,000	0	30,000	****	4,000	0	35,000	****	6,000	0	40,000	***	8,000	-10	45,000	****	10,000	0	50,000	*****	12,000	0		
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Date: 07/22/2016 Technician: Charles W Jenkins																																																										

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.																																																				
 THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case road Columbus, Ohio 43235-2526 CRS# IKBR028F																																																										
Date: 12/18/2018 Work Order #: AV01501 N#: N98LW Aircraft Make/Model: Cirrus SR22 Serial #: 3428 Hobbs Time: 1996.6																																																										
Airframe Log: 1. Altimeter and Static System Tests required by FAR 91.411 have been performed IAW FAR 43, Appendix E, Paragraph A and B. 2. Automatic Pressure Altitude Reporting System tested as required by FAR 91.411 IAW FAR 43, Appendix E, Paragraph C. 3. ATC Transponder Tests and Inspections required by FAR 91.413 have been performed IAW FAR 43, Appendix F. "Maintenance Release" The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.																																																										
Altimeter P/N: GDC-74A	Altimeter S/N: 20605993	Tested to: 25,000 FT	Next Due: 12/2020																																																							
Altimeter P/N: 5934AD-3	Altimeter S/N: 472221	Tested to: 25,000 FT	Next Due: 12/2020																																																							
Xponder P/N: GTX-33	Xponder S/N: 89108309	Tested to: 25,000 FT	Next Due: 12/2020																																																							
Signature: 				for FAA CRS # IKBR028F																																																						
Scale Corrections for: N98LW Altimeter Serial#: 472221 <table border="1"> <thead> <tr> <th>Test Points</th> <th>Indicator Error</th> <th>Test Points</th> <th>Indicator Error</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>0</td><td>14,000</td><td>-20</td></tr> <tr><td>0</td><td>0</td><td>16,000</td><td>-10</td></tr> <tr><td>500</td><td>0</td><td>18,000</td><td>-10</td></tr> <tr><td>1,000</td><td>10</td><td>20,000</td><td>-20</td></tr> <tr><td>1,500</td><td>0</td><td>22,000</td><td>10</td></tr> <tr><td>2,000</td><td>10</td><td>25,000</td><td>40</td></tr> <tr><td>3,000</td><td>20</td><td>30,000</td><td>80</td></tr> <tr><td>4,000</td><td>10</td><td>35,000</td><td>****</td></tr> <tr><td>6,000</td><td>0</td><td>40,000</td><td>****</td></tr> <tr><td>8,000</td><td>-10</td><td>45,000</td><td>****</td></tr> <tr><td>10,000</td><td>-10</td><td>50,000</td><td>*****</td></tr> <tr><td>12,000</td><td>-20</td><td></td><td></td></tr> </tbody> </table>							Test Points	Indicator Error	Test Points	Indicator Error	-1000	0	14,000	-20	0	0	16,000	-10	500	0	18,000	-10	1,000	10	20,000	-20	1,500	0	22,000	10	2,000	10	25,000	40	3,000	20	30,000	80	4,000	10	35,000	****	6,000	0	40,000	****	8,000	-10	45,000	****	10,000	-10	50,000	*****	12,000	-20		
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Date: 07/22/2016 Technician: Charles W Jenkins																																																										

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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The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Scale Corrections for: N98LW

Altimeter Serial: 20605993

Test Points	Indicator Error	Test Points	Indicator Error
-1000	0	14,000	-5
0	-2	16,000	-5
500	0	18,000	-2
1,000	-2	20,000	-5
1,500	-2	22,000	XXX
2,000	-2	25,000	XXX
3,000	-2	30,000	XXX
4,000	-2	35,000	XXX
6,000	-2	40,000	XXX
8,000	-2	45,000	XXX
10,000	-2	50,000	XXX
12,000	-2		

Date: 12/18/2018 Technician: DRH



The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Scale Corrections for: N98LW

Altimeter Serial: 472221

Test Points	Indicator Error	Test Points	Indicator Error
-1000	-18	14,000	-25
0	-2	16,000	-15
500	0	18,000	+5
1,000	+10	20,000	+35
1,500	+5	22,000	XXX
2,000	+15	25,000	XXX
3,000	+15	30,000	XXX
4,000	+15	35,000	XXX
6,000	0	40,000	XXX
8,000	-10	45,000	XXX
10,000	-25	50,000	XXX
12,000	-30		

Date: 12/18/2018 Technician: DRH

RADIO & ELECTRONIC CHECKS

DATE	CHECKED BY: SIGNATURE — CERT. NO.
------	-----------------------------------

I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTER AND STATIC SYSTEM TEST REQUIRED BY F.A.R. 91.411 APPENDIX E&F HAVE BEEN PERFORMED. THE ALTIMETER TESTED TO 2500 FT DATE 07-09-2020

Flight Level Components, LLC CRS #6FVR283D
FILED UNDER Work Order# 0051

INSPECTOR [Signature]

TACH= 1666.8 N# N98LW
I CERTIFY THAT THE TRANSPONDER TEST PER F.A.R. 91.411 COMPLETED. Flight Level Components, LLC CRS #6FVR283D
Work Order# 0051 DATE 07-09-2020

INSPECTOR [Signature]

Flight Level Components, LLC
2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
CRS# 6FVR283D

Date: 07-09-2020
W.O. No: 0051
Tech: JC
A/C Reg. No: N98LW

Altimeter Correction Card

S/N: 20605993

Alt	Error	Alt	Error
-1000	0	10,000	0
0	0	12,000	0
500	0	14,000	0
1,000	0	16,000	0
1,500	+10	18,000	-10
2,000	0	20,000	0
3,000	+10	22,000	+20
4,000	+30	25,000	+10
6,000	+30	30,000	
8,000	0	35,000	

CHECKED BY: — CERT. NO.

CIRRUS

CIRRUS

CIRRUS

[illegible]

- MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	DATE TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		 Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3438	DATE: 7/8/2009 A/C TSN: 93 4 HOBS: 93 4
		MAKE: Cirrus MODEL: SR22-G3 Turbo S/N: 3428 REG. NO. 98LW WORK ORDER: 12914-07-2009	
		Airframe Entries (3) (Flt time 71.3 hrs.) Resecured pilots and copilots heel plates on carpet. Done IAW CDC AMM 25-10 and standard maintenance practice. (4) Remove EVS camera P/N 24737-005. S/N off 250209. Installed P/N 24737-005. S/N on 230305. Done IAW CDC AMM 93-50. Operation and function check satisfactory. (7) Removed Flow Transducer Assembly P/N 21978-001 from TKS/FIKI System and Installed NEW Flow Transducer. S/N Off CAVI09B1061. S/N On CAVI09F877. Removed Pressure-Filter Assembly P/N 21986-001 and Installed NEW Filter Assembly. S/N Off CAVI09A752. S/N On AST08JD43. Accomplished Operational Check and Leak-Check. No System Pressure or System Flow Faults Reported. Leak-Check OK. Ref CDC SR22 AMM 30-05. (9) Removed and replaced standby altimeter with serviceable. s/n off 472221. p/n on 12731-003S. s/n on 473497. IAW AMM ch 34-10, operational and static leak checked good. (10) Adjusted Pilots and Copilots B-pillars for better fit and finish. Done IAW CDC AMM 25-10. (12) Replaced R/H console trim P/N 12221-410. Done IAW CDC AMM 25-10. (13) Lubricated ignition switch and deburred keys. Done IAW standard maintenance practices. Keys operational check good. (14) Repositioned and secured upholstery on aft passenger seats IAW SR-22 AMM 25-10. (15) Repaired paint chip on left wing tip. IAW CDC AMM 51-30. (16) Replaced L/H lower inboard cowl seal. Done IAW CDC AMM 71-10 and standard maintenance practices. (19) Re-pinned connector P442 in the R/H wing for the stall vane heat. work done IAW CDC WM 30-05-02. (20) Verified proper labeling of TKS pumps #1 (p1391) and #2 (p1392). wiring connectors are correct IAW CDC WM 30-05-02. Operational check satisfactory. (21) Removed and replaced glareshield P/N 25902-001 IAW CDC AMM 25-10. (22) Updated POH to include FIKI supplement. (24) Flt test performed satisfactory by CDC test pilot.	
		I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.	
		DATE: 7/8/2009 SIGNED:  Dave Ruuskanen Certified Repair Station No. YD5R855Y	Work Order: 12914-07-2009 Printed by EBis 3 (datcomedia.com)
		1 of 1	

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) Reglued red cowl seal on lower left hand cowling.... (8) Complied with Cirrus Mandatory SB 2X-32-19 R1 (NLG Upper Assembly Inspection).... (9) Checked balance of propeller, found to be .04 IPS. No corrective action required. Repositioned cabin heat duct to prevent contact with cowling.... (10) Complied with FAR Part 91.207 on ELT. Battery expires March 2015.... (11) Replaced cracked landing light lens on cowling with new.... (14) Complied with Amsafe airbag recertification.... (16) Replaced broken bracket on top left gear fairing.... (17) Replaced missing screw on outboard side right gear fairing.... (18) Installed new zip tie in LE3 and applied RTV between TKS tube and fuselage to alleviate chafing.... (21) Realigned upper left hand door hinge cover and touched up paint.... (26) Replaced left main gear fairing upper grommet on main gear strut.... (27) Reglued left main gear fairing lower grommet onto landing gear.... (29) Checked AD's thru 09-19.

I certify that this airframe was inspected in accordance with a 100 hour inspection and found to be airworthy. The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28016-09-2009, Dated 9/28/2009.

DATE: 9/28/2009

SIGNED:

Kromer, Gary

Certified Repair Station No. GA5R-876M

Work Order: 28016-09-2009

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S/N: 3428
REG. NO: N98LW
WORK ORDER:
28084-11-2009Repair Station No. GA5R-876M
10570 Springboro Pike
Miami, Ohio 45342 USA
Phone: 888-881-5580DATE: 12/3/2009
A/C TSN: 166 2
HOBBS: 166 2

Airframe Entries

(1) Complied with Cirrus Service Bulletin 2X-30-04 FIKI Proportioning Unit Replacement.... (2) Complied with Cirrus Service Bulletin 2X-30-08 FIKI Anti-Ice System Compression Fitting Inspection... (4) Installed missing left wing decal.... (5) Repositioned wire on cabin heat valve and applied RTV to cabin heat SCEET tube where chafed from wire.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28084-11-2009, Dated 12/3/2009.

DATE: 12/3/2009

SIGNED:

Kromer, Gary

Certified Repair Station No. GA5R-876M

Work Order: 28084-11-2009

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG. NO: N98LW
WORK ORDER:
28537-02-2011

Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miami, Ohio 45342 USA
Phone: 888-881-5580DATE: 2/25/2011
A/C TSN: 367 9
FLIGHTTIME: 367 9

Avionics Entries

(1) Installed Integrated Modular Avionics Cirrus "Perspective" Software Ver 0764.09 I.A.W. Cirrus Service Bulletin # SR2X-42-06 R2, Dated February 01, 2011. Placed Revision to Pilot's Operating Handbook, GFC-700 Automated Flight Control System, Cirrus P/N 13772-135, Revision 03, Dated 12-14-10 aboard the aircraft. The Electronic Stability and Protection (ESP) option was NOT installed.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28537-02-2011.

DATE: 2/25/2011

SIGNED:

Musgrave, Jack

Certified Repair Station No. GA5R-876M

Work Order: 28537-02-2011

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG: NO: N98LW
WORK ORDER:
28010-09-2009



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 9/23/2009
A/C TSN: 124 5
HOBBS: 124 5

Airframe Entries

(1) Replaced both passenger seat back and bottom cushions covers with new.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28010-09-2009.

DATE: 9/23/2009

SIGNED:

Work Order: 28010-09-2009

Kromer, Gary

Certified Repair Station No. GA5R-876M

Printed by EBis 3 (datcomedia.com)

1 of 1

MAINTENANCE RECORD F.A.R. 43.9

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG: NO: N98LW
WORK ORDER:
28084-11-2009



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 12/3/2009
A/C TSN: 166 2
HOBBS: 166 2

NO.
SERVICE

Airframe Entries

(1) Complied with Cirrus Service Bulletin 2X-30-04 FIKI Proportioning Unit Replacement.... (2) Complied with Cirrus Service Bulletin 2X-30-08 FIKI Anti-Ice System Compression Fitting Inspection... (4) Installed missing left wing decal.... (5) Repositioned wire on cabin heat valve and applied RTV to cabin heat SCEET tube where chafed from wire.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28084-11-2009, Dated 12/3/2009.

DATE: 12/3/2009

SIGNED:

Work Order: 28084-11-2009

Kromer, Gary

Certified Repair Station No. GA5R-876M

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG: NO: N98LW
WORK ORDER:
28537-02-2011



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 2/25/2011
A/C TSN: 367 9
FLIGHTTIME: 367.9

Avionics Entries

(1) Installed Integrated Modular Avionics Cirrus "Perspective" Software Ver 0764.09 I.A.W. Cirrus Service Bulletin # SR2X-42-06 R2, Dated February 01, 2011. Placed Revision to Pilot's Operating Handbook, GFC-700 Automated Flight Control System, Cirrus P/N 13772-135, Revision 03, Dated 12-14-10 aboard the aircraft. The Electronic Stability and Protection (ESP) option was NOT installed.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28537-02-2011.

DATE: 2/25/2011

SIGNED:

Work Order: 28537-02-2011

Musgrave, Jack

Certified Repair Station No. GA5R-876M

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MAINTENANCE RECORD

DATE OF
COMPLETION

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW
WORK ORDER:
28209-04-2010



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 6/1/2010
A/C TSN: 225 3
FLIGHTTIME: 225 3

SERVICE

DATE OF
COMPLETION

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) AD 09-26-01 Anti-ice Fluid Distribution Line Compression Fittings P/C/W per Cirrus SB 2X-30-08. (12/3/09 AFTT - 166.2).... (6) Repaired chips in filler material and painted left side of fuselage aft of ground power plug receptacle.... (8) Complied with FAR 91.207 on ELT.... (9) Repaired outer surface of of top engine cowling.... (10) Replaced brake temp annunciator on left main gear. Complied with Inspection/Check - Brake Temperature Sensor.... (11) Removed and replaced Cirrus "B" Post interior panels.... (12) Rebalanced tires.... (13) Serviced oxygen to 1800 psi.... (15) Reglued red cowl seal on all cowlings.... (26) Verified torque of engine mount weldment and lower attach fittings.... (28) Adjusted turnbuckle on air conditioning compressor. Performed Adjustment/Test - Compressor Drive Belt Tensioning (AMM 21-50).... (29) Replaced missing shock absorption bushing on air conditioning compressor pulley.... (31) Installed new right brake linings.... (32) Complied with SB 2X-32-19 R2 (Nose Landing Gear Assembly Inspection and Reinforcement).... (33) Complied with SB 2X-05-01(Overhaul and Replacement Schedule - Brake Assembly O-Ring Replacement Interval).... (34) Removed and replaced protective tape on leading edge of both entry steps.... (35) Repaired filler and painted lower side of nose wheel pant.... (36) Touched up paint and clear on left MLG strut fairing.... (37) Repaired fiberglass on inside forward section of lower left engine cowling.... (38) Removed and replaced Right MLG wheel pant abrasion tape.... (39) Removed and replaced Left MLG wheel pant abrasion tape.... (40) Replaced non-skid tape on both entry steps.... (41) Repaired clear around left wing recognition light.... (42) Repaired crack in filler material and painted trailing edge of nose wheel pant.... (43) Removed and replaced abrasion tape on nose landing gear strut cover.... (44) Replaced rear TKS proportioning unit due to #4 low pressure switch failure. Ops checked ok.... (45) Complied with Am-Safe Aviation Inflatable Restraint System Recertification.... (46) Removed and replaced lower forward section of right side fuselage graphic.... (48) Checked AD's thru 10-11.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28209-04-2010, Dated 5/26/2010.

DATE: 6/1/2010

SIGNED:

Kromer, Gary

Certified Repair Station No. GA5R-876M

Work Order: 28209-04-2010

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

DATE: 12/16/2010
A/C TSN: 318-1
FLIGHTTIME: 318-1

SERVICE

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG. NO: N98LW
WORK ORDER:
28444-11-2010



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

Airframe Entries

(1) Replaced cabin air coupler motor assembly. Ops checked ok.... (2) Trouble shot turbos not boosting - removed and replaced manifold pressure controller P/N 470688-5-E. Removed S/N - LGN00185, installed S/N KJN00063. Test flew aircraft and adjusted controller.... (5) Adjusted manifold pressure up one inch.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28444-11-2010.

DATE: 12/16/2010

SIGNED:

Kromer, Gary

Certified Repair Station No. GA5R-876M

Work Order: 28444-11-2010

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG. NO: N98LW
WORK ORDER:
28521-02-2011



Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 2/24/2011
A/C TSN: 367 9
FLIGHTTIME: 367 9

Airframe Entries

(1) Installed new TKS quantity dials. Ops checked ok.... (3) Serviced tire pressures.... (4) Topped off oxygen.

Maintenance Release

The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28521-02-2011.

DATE: 2/24/2011

SIGNED:

Kromer, Gary

Certified Repair Station No. GA5R-876M

Work Order: 28521-02-2011

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

DATE OF
COMPLETION

MAKE: Cirrus
MODEL: SR-22T G3
S/N: 3428
REG NO: N98LW
WORK ORDER
28592-05-2011



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 5/13/2011
A/C TSN: 410.5
FLIGHTTIME: 410.5

10.
SERVICE

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (5) Complied with Am-Safe Aviation Inflatable Restraint System Certification....
(8) Complied with FAR Part 91.207 on ELT.... (12) Repaired crack and painted cap on nose wheel pant.... (13) Replaced temp
indicators on right brake assembly, resealed caliper, and bled right brake system.... (15) Replaced 17 cherrymax rivets on lower
cowl on vents.... (17) Installed new clip on throttle quadrant friction knob control.... (18) Capacity checked battery.... (25) Torqued
engine mount weldment and lower attach fittings.... (27) Replaced TKS filters.... (28) Replace both main tires.... (29) Repaired filler
and painted lower door sill on pilots side.... (30) Tightened hardware on copilot's side of nose gear strut.... (31) Replaced right brake
linings.... (32) Installed new #2 batteries.... (33) Serviced TKS strainer.... (35) Checked AD's thru 11-10.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FAR's rules of the Federal Aviation Regulations and
was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28592-05-2011.

DATE: 5/13/2011

SIGNED:

Gary Kromer

Work Order: 28592-05-2011

Kromer, Gary
Certified Repair Station No. GA5R-876M

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Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732

10/02/11 N98LW SR-22 H/M:611.6

Removed and replaced RH main tire and tub with new tire 15X6.0-6/6/120,
Tube, 15X6.0-6. Serviced all tires as required.

Eric Miller

Eric Miller

3445764 A&P

KRAM Kanawha Regional Aviation Maintenance
400 Eagle MT Rd Charleston, WV 25311

Maintenance Record Entry

Cirrus SR22

Tail No# N98LW

Date 10/12/11 Hobbs:

Removed and replaced left MLG tire PN#070-449-0 and tube Serviced to 62 PSI. Removed
and Replaced 8 each Brake linings on Lft and rt Brake Assy PN#066-06200 All work done
IAW cirrus M.M ops and lk ck good Return Aircraft to Service

Joseph Southern
Joseph Southern
A&P 3548591



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October 30, 2015

N98LW
AIRFRAME

1295.4 Flight Hobbs
1568.1 Hobbs

Removed Front LH baffle and re riveted #6 under baffle and re adhered chafe material. Repositioned prop
TKS feed tube and installed new seal PN: 15164-091.

Brendan J. Cercone
A&P 3745798

Brendan J. Cercone

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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MAKE: Cirrus
MODEL: SR-22 G3
SN: 3428
REG NO: N98LW
WORK ORDER:
29001-04-2012



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone: 888-881-5580

DATE: 4/19/2012
A/C TSN: 615 5
FLIGHTTIME: 615 5

Airframe Entries

(1) Complied with 100 Hour Airframe Inspection..... (5) Complied with FAR Part 91.207 on ELT..... (6) Complied with AmSafe certification..... (8) Serviced, charged & load tested battery..... (9) Complied with Annual relicense..... (12) Repaired rubber seal on upper engine cowl..... (13) Removed and replaced Landing light lens..... (17) Removed and replaced right Forward lower intake duct..... (19) Tightened ground wire on lower R/H engine mount..... (23) Applied primer and anti chafe tape to left and right lower wings to prevent main wheel pant fairings from chaffing any farther into lower wing surfaces..... (25) Removed and replaced R/H brake linings, replaced brake isolator, and yellow heat indicator..... (30) Sealed Right wing inboard edge of wing cuff lower surface has void in sealant..... (34) Repaired and painted Right lower engine cowling NACA duct..... (35) Checked Airworthiness Directives and Mandatory Service Bulletins..... (36) Topped off oxygen..... (38) Complied with SB 2X-27-16 R1 - Modification to Prevent Possible Asymmetric Flap & Flap Actuator Over extension Conditions... (40) Repaired Right hand wing to strut fairing aft attach bracket..... (41) Installed serviceable oxygen manifold purged system and leak checked and tested over head light, oxygen system and light checked good..... (42) Complied with SB 2X-21-05 Cabin Air Coupler/Actuator Rigging..... (43) Removed and replaced Carbon fiber overlay cover on center console..... (44) Re Secured plastic edging on lower forward pilots side door..... (45) Re-sealed pilot and Co-Pilot upper door interior hinge points..... (46) Installed new fuel potentiometers and re calibrated analog fuel gages.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 29001-04-2012.

DATE: 4/19/2012

SIGNED:

Hix, Bryan

Certified Repair Station No. GA5R-876M

Work Order: 29001-04-2012

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

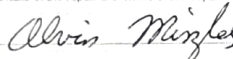
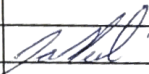
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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9-16-2012 - S33 Airframe Entry for this date which was
mistakenly placed in engine log relative to paint
on refinish work extension JAWHLY Pilot-CUNBA

37

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
	MAKE: Cirrus MODEL: SR-22 G3 S/N 3428 REG NO: N98LW WORK ORDER 29368-05-2013	 Commander Aero, Inc. Repair Station No. GA5R-676M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580	DATE: 6/14/2013 A/C: S/N 3428 FLIGHTTIME: 887
Airframe Entries			
(1) Complied with Annual re license.... (2) Complied with 100 Hour Airframe Inspection.... (5) Checked Airworthiness Directives and Mandatory Service Bulletins.... (10) Complied with FAR Part 91.207 on ELT.... (11) Installed LoPresti nose gear strut fairing.... (12) Serviced, charged & load tested battery.... (14) Adjusted Pilots side shoulder harness for proper operation.... (17) Installed new main tires and tubes.... (20) Repaired L/H upper main gear fairing bracket.... (24) Removed and replaced Battery #2 EXP Date - 6-6-2015.... (25) Repaired and painted Nose, Right and left MLG wheel pants.... (27) Tightened lower right side heater eye ball socket.... (28) Applied LoPresti abrasion tape to both nose, and main landing gear wheel pants, struts and tow bar.... (29) Complied with Cirrus Mandatory SB2X-57-13R2 Lower Landing Gear Attach Bracket Torque.... (32) Installed new #1 alternator Hartzell Part # ES-10024 Serial #1- MO30944.... (34) Complied with AmSafe certification.			
I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N98LW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 29368-05-2013.			
DATE: 6/14/2013	SIGNED: 	Work Order: 29368-05-2013 Printed by: ECR 3 (datcomedia.com)	
7-2-2014	This aircraft has been inspected and has been found safe for the intended flight IAW Special Flight Permit dated July 2 2014		James Perkins  2825618

MAINTENANCE RECORD

July 19, 2014

N98LW
CONTINENTAL
HARTZELL

CIRRUS G3
IO 550 N
PHC-J3YF-1N

S/N 3428
S/N 692205
S/N NJ83B

FLIGHT 1011.8 Hrs

Hobbs 1238.7 Hrs

Performed incoming ground run, accessed aircraft and performed an ANNUAL INSPECTION IAW Cirrus MM and check list per FAR 43 appendix D. Replaced flap system bushings p/n 50200-501, flap actuator bushing p/n 50649-01. Replaced two aileron pivot bearings p/n KSP3L. Replaced left TKS tank fluid level switch p/n 24881-002 with new. Complied with SB 2X-28-11R3 fuel line replacement in both wing TKS tanks. Replaced ELT battery with new, unit tested and found satisfactory by RC Avionics before battery replacement (now due August 2021). Replaced A/C drive bushings with new, tensioned belt. Replaced two nose wheel yoke Belleville washers with new, set tension. Dynamically balanced all wheel/tire assemblies. Replaced main brake pads with new p/n 66-62. O2 bottle removed and routed for hydrostatic testing, received and installed, system purged and serviced with O2. Due again in 7 years. Lubricated aircraft. Installed nose wheel pant defenders on tow bar lug area. Installed helicoils in both tow bar lug attach points. ADs checked for compliance, none due at this time. Closed aircraft.

THIS AIRCRAFT ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069
Hangar (715) 822 5787
Cell (715) 491 1303
Email jim@aviationvibes.com

AVIATION RESOURCES, LLC
101 Airport Ave Hangar 7
Cumberland, WI 54829
www.aviationvibes.com





THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 07/29/2016

Work Order: AM07192

N#: 98LW

Aircraft Make/Model: Cirrus SR22

Serial #: 3428

Hour Meter: 1391.6

Total Time: 1391.6

Aircraft Log;

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Complied with MSB 2X-28-12R1 "Elec. fuel pump Insp.", no pump leakage detected.
3. Installed new line cutters P/N 26707-001 S/N 9531 and S/N 9535 per Cirrus SR-22 AMM and Cirrus MSB 2X-95-12 "Line cutter Illustration error. Next due 7/29/2022.
4. Inspected installation by persons unknown of MTV-14-D propeller S/N 120183 per STC#SA02924CH Installation guide. Updated Wt. & Bal., and POH as required. Submitted FAA 337 dated 7/29/2016.
5. Complied with FAR 91.207 d using Icaris 124 ELT, next due 07/17, See separate entry. 91207c due 08/2021.
6. Complied with FAR 91.411 & 91.413. Next due at 7/18. See separate entries.
7. Complied with Precise Flight G-2 ICA on all available components. Altitude alert on 11,995 and off 11990. O-2 bottle Hydro stat due 07/19 and retirement 12/22.
8. Complied with 500 hr. Lwr Eng. mnt torque check (38-40 lb-ft), next due 1819.6tt/TT.
9. Trimmed delaminated section of abrasion tape both MLG strut fairings and removed exposed adhesive.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2016-14

"Maintenance Release"

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

Signature: _____

for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 01-25-2017 Work Order #: AM07474 NW: 98LW

Aircraft Make/Model: Cirrus SR-22 Serial 3428

Hour Meter: 1484.7 Aircraft Total Time: 1484.7

Aircraft Log:

1. Replaced missing hardware to wheel fairings.

"Maintenance Release"

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

Signature: EEB for CRS# IKBR028F

MAINTENANCE RECORD

F.A.R. 43.9

1 OF WORK PERFORMED
ROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

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

4 APR 09

5.7 HRS

Production Flight Test accomplished in accordance with
Cirrus Procedure #90502.

Name: Brian J. Olson Date 4 APR 09

Signature: B. J. Olson

Title: Production Flight Test Pilot

4-24-09

5.7 HRS

I find that the aircraft meets the requirements for the
certification requested and have issued a Standard
Airworthiness Certificate dated 4 / 24 / 09.
The next inspection is due 4 / 30 / 2010.

Jeffrey K. Holter

JEFFREY K. HOLTEN
ODARF405228CE

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 DISAPPROVING AIRCRAFT FOR SERVICE
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THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 08/11/2017 Work Order: AM07837 N#: N981W
Aircraft Make/Model: Cirrus / SR22 Serial #: 3428
Hour Meter: 1557.0 Total Time: 1577.0

Aircraft Log:

- Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
- Comply with TAT S108-05 Rev. A "Induction air filter inspection" and Oil Charged Induction air filter Per TAT S108-05 Rev. A instruction. Next due 08/2017 or on condition.
- Complied with Continued Airworthiness Manual For Cirrus Design SR22 Series Airplanes Turbonormalized per STC's SA10588SC and SE10589SC 22-6160004 Continued Airworthiness Rev. C.
- Complied with TAT SB08-04 "Inspecting and testing the SR22 cabin Heat Augmenter" per TAT SB08-04 instructions.
- Complied with Mandatory TAT 09-01 "Exhaust manifolds inspection for cracks around the turbo mount flange" per TAT SB09-01 instructions. No Cracks found at this time. Next due Tach 1607.0 or at oil change.
- Complied with Precise Flight Inc. ICA STC SA01708SE for Cirrus SR22/SR22T Built in Oxygen System per Precise Flight Doc # 107NMAN0003 Rev F inspection guide.
- Tightened Clamp on #6 Exhaust heat shield.
- Installed new mounting screws P/N AN525-823R6 (8130-3) to right turbo intercooler.
- Complied with FAR 91.207 (c&d) "406 ELT inspection". Batt due Aug 2021.
- Installed new battery drain hose P/N 50209-0001U (C of C) to battery.
- Rotated right main gear tire.
- Purged all panels and checked FIKI deice system per Cirrus SR22 AMM Ch 30. FIKI System operation normal at this time.
- Complied with Mandatory SB2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement". No cracks found at this time. Next due Tach 1657.0
- P/CW Mandatory SB 2X-52-08R2 "Catcher/Diverter and Gas Strut Rod End Replacement" by Unknown persons. Checked installation per Mandatory SB 2X-52-08R2 "Catcher/Diverter and Gas Strut Rod End Replacement" instruction and found within limits.
- Installed 5 new cam locks P/N SK28S3-25 (EAA-PMA) to Main Gear Fairings.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2017-15

"Maintenance Release"

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

END

Signature: *Phil H. [Signature]*

for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case Road Hgr. 3
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 11/29/18 W. O.# AM08717 N#: N981W
Acraft. Make/Model: Cirrus / SR22 Serial #: 3428
Tach. time: 1651.7 T. T.: 1651.7

Aircraft Log:

- C'd/W Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
- MSB2X-05-02 "Induction flapper bolt" N/A by Perspective system.
- C'd/W MSB2X-32-19R3 "NLG insp. reinforcement" by visual, no cracks noted next due 1751.7 tach/flt time.
- MSB2X-42-09 "Perspective SW version 764 09" N/A by .09 version installed.
- MSB2X-42-11 and -12 "Perspective SW" N/A by S/N range
- C'd/W MSB2X-74-02 "Ign. switch security" per SB instructions.
- C'd/W MSB 2X-95-19R1 "Chute and ignition upgrade". Removed parachute P/N 20331-001/D, S/N 03862 and rocket assy. P/N 015000-02/A. S/N 4574. Installed parachute P/N 25574-004-REB, S/N 03340R1 (8130-3) CDC WO# 628176 and rocket assy. P/N 29500-403, S/N 3487 (C of C) CDC PO# 216345. Parachute due 10/19/28 and rocket due 09/25/28. Line cutters due 07/22. C'd/W MSB 2X-95-12 "Line cutter illustration"
- C'd/W MSB-2X-95-24-R1 "Rocket shelf ground" per SB using kit # 70572-001 (C of C).
- C'd/W FAR 91.207 d with tester ELTT-124 cal. due date 12/19, see report, next due 11/19. Para. c due 08/21.
- FAR 91.411 & .413 due 07/18, refer to Avionics WO.
- C'd/W Precise flight O-2 ICA on all available equipment. O-2 alert on at 12,090 and off 12,040. Bottle due hydro-static 07/19 and retirement 12/22.
- Replaced V-band clamps per TAT ICA with new P/N 11-1100023 (C of C), next due 2101.7 tach.
- Cleaned and serviced ind. air filter
- Installed TKS windscreen pump after O/H by CRS# 7CVR522B under WO# SRSA978, P/N WP200E, S/N AST08L662 (8130-3).
- Replaced Pilot and C-pilots belt inflator assy's with 20902-005 S/N's Z7181297057, and .7181, 20902-006 harness 2 ea., 20903-008 brackets 8 ea., and 20902-007 fittings 2 ea., all (C of C). Next due 11/28.
- Extracted 6 screws Baggage floor panel and reinstalled two original nut plates with CCR264 5 rivets. replace 6 screw with MS24693-273 (Cof C).
- Installed 2 ea. 50979-001 "Batt 2" (C of C). Next due 11/20.
- Replaced EMA controller with new P/N 20902-001 L/N 35551695 (C of C). Next due 11/2028.
- Replaced C-O detector with new P/N 24660-002 (C of C), next due 11/2025.
- Replaced R/H brake linings 4 total with new P/N 066-06200 (C of C).

INSPECTION RECORD R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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- Replaced Lt MLG tire with new P/N 156E6081 S/N 10183859 F.S. II 15X6-6ply (8130-3) and inner tube with new P/N 097-500-0 (8130-3). Cleaned, inspected and lubed wheel and bearings.
- Recalibrated Acft. Magnetometer IAW SR-22 MIM Chp. 34-20 pgs 24 & 25. Next due 11/2020
- C'd/W Am-safe inflatable belt ICA using test unit 508987-401 Cal. due date 07/26/19.
- Adjusted Manifold pressure regulator up approx. 1/8 turn per owners request.
- Serviced O-2 to approx 2000 psi ABO.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2018-24.

"Maintenance Release"

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

END

Signature: *[Signature]*

for CRS# IKBR028F

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 DISAPPROVING AIRCRAFT FOR SERVICE
REPORT of 406 MHz ELT testing Report date: 11/29/2018 Date of testing: 6/5/2018		
ELT IDENTIFICATION ELT Model: ME406 P/N 453-6603 ELT Serial No: 188-07943 ELT Issue date: 11/30/2013		
ELT MESSAGE CONTENTS Full Message: FFFED056E6203EDE00178EB05300 Message Format: Short User protocols or User location protocols Beacon Identifier: ADCC407C1C002F1 Country code: United States of America (366) Beacon Serial Number: 7943 Carrier Senset Certificate: 188 121.5MHz radio-locating transmitter: Yes		
GENERAL ELT PARAMETERS Frequency of 406MHz channel, kHz: 406027.44 Power level in 406MHz channel, dBm: 40.3		
ADDITIONAL ELT PARAMETERS Total transmission time, ms: 443.4 Unmodulated carrier time, ms: 443.4 Phase(+), degrees: 73 Phase(-), degrees: 50		
VISUAL ELT PARAMETERS 406 MHz Led: Yes State of Marking: Good Date of next testing: 11/29/2019 Batteries replacement date: 8/31/2021 Tests are carried out by certified company: Ohio State University Airport Repair Station #IKBRO28F, 2160 West Case Rd. Columbus, Ohio 43235 TestFax: TelFax NOTES Radioengineer: <i>[Signature]</i> (Signature, Print Name) 11/29/2018		

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 DISAPPROVING AIRCRAFT FOR SERVICE
MAKE: Cirrus Design Corp Lone Mountain Aircraft Maintenance MODEL: S122 S/N: 3428 REG. NO: N98LW WORK ORDER: 1910-05-2019 2460 Greentree Road Hangar 12 Lebanon, Ohio 45036 Phone: 888-566-3686		
DATE: 5/17/2019 A/C TSN: 2012.1 TACH: 1664.6		
Airframe Entries (1) Removed and replaced all TATI oil lines and 2ea fuel supply lines. Ran engine and performed leak check, none at this time. Next due 05/2029.... (2) Removed and replaced broken right turbo return spring, pin, and retainer clip.		
DATE: 5/17/2019 SIGNED: <i>[Signature]</i> Work Order: 1910-05-2019 Ryan Yenger, IA 389633 Printed by EBis 3 (datcomedia.com)		

INSPECTION RECORD

MAKE: Cirrus Design Corp
MODEL: SR22
S/N: 3428
REG. NO: N98LW
WORK ORDER:
2091-03-2020

Lone Mountain Aircraft Maintenance

2460 Greentree Road
Hangar 12
Lebanon, Ohio 45036
Phone: 888-566-3686

DATE: 8/3/2020
A/C TSN: 2012.1
TACH: 1664.6

Airframe Entries

(1) Complied with the airframe annual inspection according to the manufacturers maintenance manual. Serviced all wheel bearings Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection. Inspected fire bottle. Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Researched SB's and complied with all applicable ADs.... (5) Removed and replaced remote ELT battery.... (6) Removed and replaced TKS filters. Next change due 07/2022.... (7) Replaced brake caliper o-rings. Next replacement due 06-2025.... (8) Replaced O2 bottle and regulator assy. with overhauled unit. p/n 102N0100-1, s/n HPR101530/2076 from Precise Flight Inc. w.o. 107601. Next O2 inspection due September 2024. Replaced O2 bottle band clamps.... (10) ~~SB2X-95-19R2~~ CAPS Rocket Motor Assembly Replacement has been complied with by completion of original release.... (11) ~~SB2X-95-24R2~~ CAPS Rocket Shelf Ground Wire previously complied with by completion of original release.... (12) ~~SB2X-27-16R2~~ Modification to Prevent Possible Asymmetric Flap and Flap Actuator has been previously complied with by original release.... (13) ~~CNV-SB2X-34-29~~ by inspection. Found TKS line routed incorrectly and rerouted line.... (15) ~~SB2X-95-22R2~~ CAPS Aft Grain Replacement N/A by S/N.... (16) ~~SB2X-95-23R1~~ CAPS Aft Grain Replacement is N/A due to S/N.... (17) N/A cylinders installed are manufactured after the affected date.... (18) Replaced NLG swivel hardware and teflon washer. Set swivel tension to 25lbs.... (19) Replaced battery cable boot.... (21) Replaced camlock receptacle in right MLG wheel fairing bracket.... (23) Replaced fire extinguisher with new.... (24) Reconnected CAPS activation cable to CAPS activation switch due to incorrect hardware configuration.... (25) Replaced left brake linings.... (26) Removed and replaced elevator spring cartridge IAW CMM 27-30.... (27) Replaced right and left brake caliper shim.... (28) Replaced right and left MLG tires and tubes.... (29) Removed and replaced puck pan, pucks and rebound bumper all IAW CMM 32-20.... (30) Serviced oxygen system.... (31) Replaced brake caliper insulators.... (32) Replaced left right brake caliper piston.... (33) Replaced Gill main aircraft battery with new Concorde RG24-11M, S/N 41077162.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 8/3/2020

SIGNED:

Ryan Yenger, A. 3669633

Work Order: 2091-03-2020

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus Design Corp. **CIRRUS** Cirrus Design Factory Service Center
MODEL: SR22
S/N: 3428
REG. NO: N98LW
WORK ORDER:
TKI0605-10-2020

4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 10/5/2020
A/C TSN: 1883.8
HOBBS: 2037.5

Airframe Entries

(6) Removed ignition switch P/N 19537-001 S/N 32464 and installed new customer supplied ignition switch P/N: 19537-001 S/N 56670. Performed engine ground run, operational check good. Work completed IAW Cirrus SR22 AMM Ch 74-30.
(7) Removed EVS camera connector. Inspected connector and found no issues. Installed connector back to EVS camera.

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

DATE: 10/5/2020

SIGNED:

Jeffrey Bridges

Work Order: TKI0605-10-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp. **CIRRUS** Cirrus Design Factory Service Center
MODEL: SR22
S/N: 3428
REG. NO: N98LW
WORK ORDER:
TKI0659-11-2020

4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 11/13/2020
A/C TSN: 1897.4
HOBBS: 2064.6

Airframe Entries

(5) Troubleshoot EVS camera. Checked all wiring for continuity and resistance. Found bad solder on the camera connector. Performed operational check of camera and still is having zig zag lines on MFD. Need to send camera out for repair. Customer will bring aircraft at a later date to fix issue.

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

DATE: 11/13/2020

SIGNED:

Edwin Melendez

Work Order: TKI0659-11-2020

Printed by EBis 3 (datcomedia.com)

Engine Change - FLT 1664.6
TTSY - 1841.3
TSMO - 0

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 DISAPPROVING AIRCRAFT FOR SERVICE
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NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360
LOG ID# 2334 02-September-2020 WO# 6363 HOBBS 2021.4
N98LW S/N 3428 CIRRUS SR 22

Pg 1 / 1

AVIONICS UPGRADE TO INCLUDE REMOVAL OF: GTX 33 TRANSPONDER (PN: 011-00779-10 SN: 89108309), GMA 347 AUDIO PANEL (PN: 011-00807-30 SN: 15H005410)

AVIONICS UPGRADE TO INCLUDE INSTALLATION OF: GTX 345R TRANSPONDER (PN: 011-03303-00 SN: 3EH028498), FLIGHT STREAM 210 (PN: 011-03257-40 SN: 3RE009226), GMA 350C AUDIO PANEL (PN: 011-02385-40 SN: 1UW204314)

ATC TRANSPONDER (PN: 011-03303-00 SN: 3EH028498) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

UPDATED G1000 SOFTWARE FROM VERSION 764.09 TO 764.37 IAW CIRRUS SERVICE BULLETIN 2X-42-17 ISSUED ON 18 MARCH 2019.

NOTE: WORK ORDER 6363 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.


N40R087B JOSEPH J. DEBELLA

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 DISAPPROVING AIRCRAFT FOR SERVICE
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Reg#: N98LW

Make: Cirrus

Date: 7/28/2021

Flight: 1769.3

Model: SR22

Hobbs: 2136.9

S/N: 3428


KINGDOM AIR

Performed software update v0764.038 in accordance with Cirrus Aircraft SB2X-42-19.

Updated GTX 345(R) Main software to v2.54 in accordance with Garmin STC SB 1967 Rev B.


Jon A. Delamarter, A&P 3035359

28 July 2021

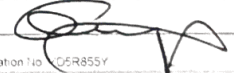
INSPECTION RECORD

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 DISAPPROVING AIRCRAFT FOR SERVICE
MAKE: Cirrus Design Corp	MODEL: SR22	DATE: 10/13/2021
S/N: 3428	REG: NO: N98LW	A/C TSN: 718
WORK ORDER: TK1140-08-2021	Repair Station No: YD5R855Y	HOBS: 2140.9
	Duluth, MN 55811	
	Phone: 218-788-3045	
Airframe Entries (5) Performed an annual inspection of this aircraft in accordance with the Cirrus Aircraft SR-22 AMM Chapter 05-20 inspection checklist. (8) Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2021-18. There are no ADs that require compliance at this time. (9) Performed research of the aircraft records for any mandatory service bulletins that are due. No MSBs are due at this time. (16) Inspected and weighed the fire extinguisher. Recorded weight: 2lbs 6.25oz. (17) Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: May 2028. (21) Adjusted pilot door upper latch IAW CDC SR22 AMM 52-10. Ops checked good. (24) Removed rocket assy and completed visual inspection with no defects found. Installed original rocket IAW CDC SR22 CMM 95-01. Removed MCU P/N: 19800-002 S/N: 00510 and installed upgraded MCU P/N: 19800-005 S/N: 01000 IAW Cirrus SR22 AMM 24-30. (32) Removed expired battery. Installed new ELT battery P/N: 455-0012 S/N: 392015-042. ELT battery now due MAY 2028. (34) Complied with SBX-34-29R1 Pitot and TKS Line Routing. Routing is correct, no action required. (35) Performed Magnetometer calibration IAW Garmin Perspective Line Maintenance Manual Ch. 7.2.3.4. Next calibration due 09/2023. (36) Inspected the Precise Flight Built-In Oxygen system in accordance with the ICA (102NMAN0003) Scheduled Maintenance Checklist. (37) Removed and Replaced Lower cowl heat shields P/N: 53294-002. Removed and Replaced cowl seals P/N: 53722-063 IAW Cirrus SR22 AMM Ch 71-10. (38) Removed and replaced Spinner baffle (P/N: 15480-003) and closeout (P/N: 15490-002) IAW Cirrus SR22 AMM 71-00. (40) Rigged Aileron system IAW CDC SR22 AMM 27-10. Ops and function checks good. (41) Installed new RH aileron gap seal P/N: 14390-003-05 IAW SR22 AMM 57-50. (42) Checked fuel cap resistance and found caps to be within limits IAW Cirrus SR22 AMM 28-10. (43) Complied with SB2X-42-19 Perspective S/W Update v076438.		
1 of 2		

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 DISAPPROVING AIRCRAFT FOR SERVICE
		(44) Removed #1 alternator (P/N: ES-10024, S/N: H-M090298) and installed new #1 alternator (P/N: 656802, S/N: H-U022729), new thrust washer (P/N: 630691), and cotter pin (P/N: MS24665-302) IAW Cirrus SR22 AMM Ch. 24-30 and HET MM ES1031.
		(45) Removed RH pilots brake master cylinder, replaced RH brake master O-ring set (PN's 101-00700, (2x) 101-01100, & 101-00100) IAW Cleveland Brake Component MM AWBCM0001-12/USA, reinstalled brake master into aircraft IAW SR22 AMM 32-42. Purged and Bled brake system IAW SR22 AMM 12-10.
		(46) Found missing sealant on Evaporator housing. Applied new sealant IAW Cirrus SR22 AMM Ch. 20-10.
		(47) Secured RH passenger side panel with new dual lock IAW Cirrus SR22 AMM 25-10.
		(49) Installed Chafe tape on LH and RH wing IAW SR22 AMM 20-10.
		(50) Removed FIKI lift transducer (P/N: 25759-003, S/N: 131) and installed new FIKI lift transducer (PN: 25759-003, SN: 186945-12) IAW Cirrus SR22 AMM Ch 27-31. Performed Operational Check Stall Warning System Ground IAW SR22 AMM 27-31. Flight test performed with the following results: Stall warning at 167 Kts, actual stall at 159 Kts. Current rotary switch positions: SW: 4 VR: 4.
		(51) Adjusted condenser blower assembly for proper seal IAW SR22 AMM Ch 21-50.
		(52) Adjusted nose wheel to correct Tension IAW SR22 AMM 32-20.
		(53) Removed Alternator #2. Added chafe protection material to field wire and reinstalled Alternator #2 and tensioned alt 2 belt IAW Cirrus SR22 AMM Ch. 20 and 24-30.
		(54) Removed and replaced spinner closeout baffle P/N: 15490-002 IAW Cirrus SR22 AMM 71-00.
		(55) Performed servicing of Yaw, Pitch and Roll servos 3 year inspection IAW SR22 AMM 22-10.
		(57) Performed Inspection Check of GSA 81 Servo Actuator IAW SR-22T AMM Chapter 22-10.
		(58) Flight test performed IAW CDC SR22 AMM 27-31. Results as follows: Stall warning at 167 Kts, actual stall at 159 Kts. Current rotary switch positions: SW: 4 VR: 4.
		(59) I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller and accessories identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Remaining details of this work order are on file at this Certified Repair Station CRSR555Y.		
DATE: 10/13/2021	SIGNED: 	Work Order: TK1140-08-2021
	Enol Applewhite Certified Repair Station No: YD5R855Y	Printed by EBIS 3 (dalcomedia.com)
2 of 2		

INSPECTION RECORD

F.A.R. 43.11-91.409

DA MAKE Cirrus Design Corp CIRRUS Cirrus Design Factory Service Center
MODEL SR22
S/N: 3428
REG NO N98LW
WORK ORDER
TK11332-12-2021

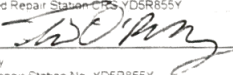
Repair Station No. YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 12/10/2021
A/C TSN: 1779.7
HOBBS: 2153.6

Airframe Entries

(5) Inspected #2 alternator, brush holder, brushes and drive belt IAW HET owner's manual PP2001. Replaced worn brush block (P/N: 40278). Ops check good.

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

DATE: 12/10/2021 SIGNED:  Work Order: TK11332-12-2021
Tim O'Reilly
Certified Repair Station No. YD5R855Y Printed by EBIS 3 (datcomedia.com)

MAKE Cirrus Design Corp CIRRUS Cirrus Design Factory Service Center
MODEL SR22
S/N: 3428
REG NO N98LW
WORK ORDER
TK11713-06-2022

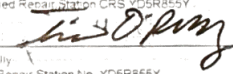
Repair Station No. YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 6/25/2022
A/C TSN: 1838.1
HOBBS: 2222.6

Airframe Entries

(5) Removed and replaced Alternator two power cable (P/N: 19815-011) IAW CDC SR22 AMM 24-30. Ops check good.
(6) Removed and replaced #5 EGT P/N: 24585-001 IAW SR22 AMM 77-20. Ops check good.

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

DATE: 6/25/2022 SIGNED:  Work Order: TK11713-06-2022
Tim O'Reilly
Certified Repair Station No. YD5R855Y Printed by EBIS 3 (datcomedia.com)

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 DISAPPROVING AIRCRAFT FOR SERVICE

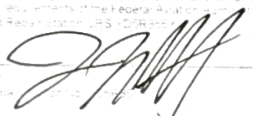
MAKE Cirrus Design Corp CIRRUS Cirrus Design Factory Service Center
MODEL SR22
S/N: 3428
REG NO N98LW
WORK ORDER
TK11904-09-2022

Repair Station No. YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

Airframe Entries

(5) Performed an annual inspection of this aircraft in accordance with the Cirrus Aircraft SR22 AMM Chapter 05-00 inspection checklist.
(9) Performed research of the aircraft logbooks for applicable Airworthiness Directives through July 2022. There are no ADs that require compliance at this time.
(10) Performed research of the aircraft records for any mandatory service bulletins that are due. Added as separate discrepancy.
(13) Inspected the Precise Flight Built-In Oxygen system in accordance with the ICA (1021MAN0001) Scheduled Maintenance Checklist.
(19) Inspected and weighed the fire extinguisher. Recorded weight: 2 Lbs 6.08 Oz.
(23) Removed and replaced #4 EGT sensor with new. Ops check satisfactory. Work performed IAW Cirrus SR22 AMM 77-20.
(24) Replaced GCU range knob with new. P/N 430-00035-10. Work performed IAW SR22 AMM 24-60.
(25) Removed and replaced fuel flow sensor (P/N: 15415-001 S/N off: 09019211506 S/N on: 2240851) Ops and leak check good.
(26) Deferred for Schedule of AerSmith-JM.
(27) Troubleshoot inoperative overhead O2 light and fuel reading lights. No faults found.
(32) Replaced Induction Air Filter P/N 33-2022 IAW SR22 AMM Chapter 71-60.
(33) Replaced both pyrotechnic reefing line cutters with new. (P/N 26707-001. Old S/N: 9531, 9535. New S/N: 21060, 21204 IAW DOM 07-2022). Work performed IAW Cirrus SR22 CAPS CMM.
(34) Removed degraded antenna seals and resealed. Work performed IAW Cirrus SR22 AMM 24-10.
(35) Cleaned area and applied chafe tape to R. H flap cove. Work performed IAW Cirrus SR22 AMM 51-50.
(37) Applied chafe tape to the EVS camera. P/N FAK-009 EVS. Work performed IAW Cirrus SR22 AMM 93-50.
(38) Filed damaged corners of NLG fork assembly, applied alodine and paint. Work performed IAW Cirrus SR22 AMM 51-20, 32-20.
(39) Performed 24 Month IFR Certification of the Altimeter and Transponder systems required by FARs 91.411, 91.413, and 91.217 IAW FAR 43 appendices E & F and AC 43-6B up to 25,000 feet. Recorded Altimeter and Transponder information on Page 24 of airframe logbook. Next Altimeter and Transponder certification due 09/2024 or when otherwise required.
(40) Removed and replaced Battery #2, part #50979-001. Next due 09/2024. All work performed IAW Cirrus SR22 AMM 24-30.

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 DISAPPROVING AIRCRAFT FOR SERVICE
		(43) Inspected turbos for freedom of movement IAW TAT-S115-02. No defects found.
		(44) Inspected mixture control shaft and surrounding area for leaks, none found. Work performed IAW TAT-SB12-02.
		(45) PCW at overhaul 6 4 2020 See Signature Engines 8130-3. WO #E8125-OH
		(48) TAT-SB11-04 does not apply. FS-167 valve assembly not installed on aircraft.
		(49) Inspected support rods, brackets, springs and hardware of the turbo support system. No faults found. Work performed IAW TAT-S111-02.
		(51) Removed and replaced grounding strap IAW SR22 - SR22T AMM Revision 4 78-20.
		(53) I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.
		(55) ELT removed P/N 453-6603 S/N 188-07943 and sent to Dallas Avionics. ELT N-number programmed to N98LW by Dallas Avionics. ELT reinstalled. P/N 453-6603 S/N 188-07943. All work and op-check performed IAW Cirrus SR22 AMM 25-60.
		(56) Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: Feb 2027.
I have reviewed the aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was released in accordance with the current requirements of the Federal Aviation Regulations and is approved for return to service. Return to service work order are on file at this Certified Repair Station (CRS) (CRS# 00584).		
DATE: 9/20/2022	SIGNED: 	Work Order: TKI1904-09-2022 Printed by EBis 3 (idatcomedia.com)



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 DISAPPROVING AIRCRAFT FOR SERVICE
		Make Cirrus Design Corp MODEL: SR22 S/N: 3428 REG: N2112L WORK ORDER: KIT: 2518-01-0000 CIRRUS Cirrus McKinney Service Center Repair Station No. 00001408 1810 S Fourth St Graham, TX 76450 Phone: (940) 456-4320
		Airframe Entries
		(4) Removed and replaced #2 GMU 44 (P/N off 24650-011 S/N 47512722 P/N on 011-00670-10 S/N 1CMC05364) and performed Magnetometer Calibration IAW CDC SR22 AMM 34-20 and Garmin Perspective LMM.
I have reviewed the aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was released in accordance with the current requirements of the Federal Aviation Regulations and is approved for return to service. Return to service work order are on file at this Certified Repair Station (CRS) (CRS# 00584).		
DATE: 2/23/2023	SIGNED: 	Work Order: ATR2598-01-2023 Printed by EBis 3 (idatcomedia.com)

wo: WO_22

Airframe - page 1 of 1


KINGDOM AIR

Kingdom Air, LLC • 1810 S Fourth Street • Graham, TX 76450 • (940) 456-4320

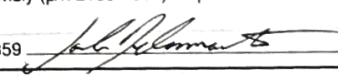
N98LW
Flight Hobbs: 1949.4

CIRRUS DESIGN CORP, SR22, S/N: 3428

June 16, 2023

Installed new lower latch assembly (p/n 21861-001) on pilot's door.

Jon Delamarter A&P/IA 3035359



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 DISAPPROVING AIRCRAFT FOR SERVICE	
MAKE: Cirrus Design Corp MODEL: SR22 S/N: 3428 REG: N1981AW WORK ORDER: KTKI2384-06-2023		CIRRUS Cirrus McKinney Service Center Repair Station No: CCCR140E 1500 Industrial Blvd Hangar #19 McKinney, TX 75069 Phone: 469 215 4452 DATE: 7/6/2023 40 TSN: 19801 -0665-2477	
Airframe Entries			
(4) Removed damaged #2 alternator (P/N 657199, S/N V-S022256) and #2 alternator to MCU cable (P/N 19815-016) and installed new #2 alternator (P/N 657199, S/N H-V071904) and new cable IAW Cirrus SR22 AMM 24-30 D. Ops check good			
I have reviewed the aircraft and its accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller and appliance identified was found to be in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Return date: 7/6/2023. Approved by: [Signature]			
DATE: 7/6/2023	SIGNED: [Signature]	Work Order: KTKI2384-06-2023 Printed by EBIS 3 (datamedia.com)	
(51) Replaced broken spring on pilots upper door latch with new spring IAW SR22 AMM 52-10. Ops check good			
(52) Replaced exterior 19655-001 TKS fluid placard on LH and RH TKS drains IAW Cirrus SR22T AMM 11-20			
(53) Applied chate tape to wing underneath LH and RH MLG mushroom fairings IAW AC 43 13-1B			
(54) Installed "Screws must be installed before engine operation" placard on lower RH cowl inlet. All work performed IAW SR22 AMM 11-20			
(55) Complied with SB2X-53-10 Alternate Cabin Door Seal Installation			
(60) Installed and adjusted GSM 85A for Roll servo IAW SR22 AMM 22-13. OPS check good			
(63) Replaced LH Brake Temp Sensor. All work performed IAW SR22 AMM 32-42			
(64) I certify that this aircraft has been inspected in accordance with a 100 HR Annual inspection and was determined to be in an airworthy condition			
I have reviewed the aircraft and its accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller and appliance identified was found to be in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Return date: 7/6/2023. Approved by: [Signature]			
DATE: 11/4/2023	SIGNED: [Signature]	Work Order: KTKI3087-09-2023 Printed by EBIS 3 (datamedia.com)	

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 DISAPPROVING AIRCRAFT FOR SERVICE	
MAKE: Cirrus Design Corp MODEL: SR22 S/N: 3428 REG: N1981AW WORK ORDER: KTKI3087-09-2023		CIRRUS Cirrus McKinney Service Center Repair Station No: CCCR140E 1500 Industrial Blvd Hangar #19 McKinney, TX 75069 Phone: 469 215 4452 DATE: 11/4/2023 40 TSN: 19801 -0665-2477	
Airframe Entries			
(2) Performed an annual inspection of this aircraft IAW SR22 AMM 05-20 inspection checklist			
(6) Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2023-19. There are no ADs that require compliance at this time			
(7) Performed research of the aircraft records for any mandatory service bulletins that are due. Recorded MGBs as separate items			
(15) Inspected oxygen system IAW Precise Flight ICA 102NMAN0003 Rev H 2.7.1 Scheduled Maintenance Checklist			
(16) Inspected and weighed the fire extinguisher IAW SR22 AMM 26-20. Recorded weight: 2lbs 5.3 oz			
(17) Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: May 2023			
(31) Complied with AD 2023-09-09 turbocharger 350 hr V band clamp replacement. Next Due at: 2352.3 hrs			
(32) Completed SB2X-25-30 Crew seat back break-over adjustment inspection and adjustment as required. No adjustment needed			
(33) Removed old TKS filter elements P/N 15164-092B and Replaced with new TKS filter elements P/N 15164-0925. All Work done IAW Cirrus SR22 AMM 30-07-D			
(34) Removed battery 1 P/N RG24-11M, S/N 41077162 and installed new S/N 41317176 IAW SR22T AMM 24-20. Installed 10/5/2023			
(35) Performed magnetometer calibration IAW Garmin Perspective Line Service Maintenance Manual Ch 7.2.3.4. Next magnetometer calibration due: 11/2025			
(36) Performed GSM 86 Servo Clutch test IAW SR22 AMM 22-10. Ops check good			
(41) Removed MFD S/N 14W000633 and installed S/N 14W005970. Loaded software V0764.38. All work accomplished IAW Garmin Line Maintenance Manual and SB2X-42-19. Ops checks good			
(43) Removed Pilot side door trim and applied new dual lock to back side of pilot door trim and reinstalled trim. All work done IAW SR22 AMM 25-10			
(45) Removed old ignition switch PN 19537-001 replaced with new switch PN 19537-001 IAW Cirrus AMM SR22 22T 74-30			
(46) Removed old heat tape, cleaned, primed and replaced with new heat tape P/N 53294-002U. Work performed IAW Cirrus SR22 AMM 71-10			
(50) Installed new 18200-005 door struts on Pilot and Co-pilot doors IAW SR22 52-10			
1 of 2			

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 DISAPPROVING AIRCRAFT FOR SERVICE
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MAKE: Cirrus Design Corp
MODEL: SR22
S/N: 3428
REG: NO: N98LW
WORK ORDER: KTKI3472-04-2024

CIRRUS
Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd.
Hangar #19
McKinney, TX 75069
Phone: 469 215 4452

Airframe Entries

(C) Disabled Skywatch at Weather circuit breaker. Placarded system as "Weather Inop". All work done IAW SR22 AMM Ch. 24-50.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E.

DATE: 11-13-2023 SIGNED: *Mark Botta* WORK ORDER: KTKI3209-11-2023
Printed by EBis 3 (datamedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG: NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd.
Hangar #19
McKinney, TX 75069

W/O #: KTKI4237-06-2024
DATE: 06-09-2024
Flight Time: 2149.2
Hobbs: 2587.4

Airframe Entries

- Installed new power cable for ALT #2 IAW SR22 AMM 24-20. OPS check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E.

DATE: 08-16-2024 SIGNED: *Charles Gazaway* WORK ORDER: KTKI4237-06-2024
Charles Gazaway
Repair Station No. CDCR140E
Printed by EBIS (EBIScloud.com)

MAKE: Cirrus Design Corp
MODEL: SR22
S/N: 3428
REG: NO: N98LW
WORK ORDER: KTKI3472-04-2024

CIRRUS
Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd.
Hangar #19
McKinney, TX 75069
Phone: 469 215 4452

Airframe Entries

(3) Serviced A/C system IAW SR22 AMM 12-10.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E.

DATE: 4/7/2024 SIGNED: *Tim O'Reilly* WORK ORDER: KTKI3472-04-2024
Tim O'Reilly
Certified Repair Station No. CDCR140E
Printed by EBis 3 (datamedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG: NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd.
Hangar #19
McKinney, TX 75069

W/O #: KTKI4524-11-2024
DATE: 12-12-2024
Flight Time: 3191.7
Hobbs: 2535.0

Airframe Entries

- Performed an annual inspection of this aircraft IAW SR22 AMM 05-20 inspection checklist.
- Performed research of the aircraft logbooks for applicable Airworthiness Directives through 01-weekly 2024-24. There are no ADs that require compliance at this time.
- Performed research of the aircraft records for any mandatory service bulletins that are due.
- Registration expires: 10/31/2027
- Inspected oxygen system IAW Precise Flight ICA 102NMAN0903 Rev H 2.7.1 Scheduled Maintenance Checklist.
- Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: May 2028.
- Installed new RH TKS placard IAW SR22 AMM 11-20.
- Removed seals on all cowls and installed new P/N 53722-063U IAW SR22 AMM 71-10 and 20-10.
- Installed new brake linings P/N 066-06200 on LH and RH MLG brakes, replaced rotor P/N 124-02504 on RH wheel. All work accomplished IAW Cirrus SR22 AMM 32-42 and Cleveland Component Maintenance Manual.
- Performed 24 Month IFR Certification of the Altimeter and Transponder systems required by FARs 91.411-91.413 and 91.217 IAW FAR 43 appendices E & F and AC 43-6D up to 25,000 feet. Recorded Altimeter and Transponder information on Page 25 of airframe logbook. Next Altimeter and Transponder certification due 12/31/2026 or when otherwise required.
- Installed original oxygen bottle after hydrostatic test (S/N: 6268-2076). Purged system and serviced to 2000 PSI. All work performed IAW Precise Flight AMM 102NMAN0003. New hydro date is 12/29.
- Replaced Battery 2 (50373-001) IAW Cirrus Aircraft AMM 24-30.
- Performed 2 Year/500 Hour Inspection on Alt #2. Replaced brush block (P/N 40278). All work accomplished IAW SR22 AMM 24-30 and Hartzell SIL A-137.
- Performed 10 year/1000 hour electrical bonding and shielding inspection IAW SR22 AMM 51-80.
- Complied with 24 Month Pitch Servo Actuator 3 year/1000 hour inspection IAW Cirrus Aircraft AMM 22-10.

SEE NEXT PAGE

DATE

- Complied with GSA 81 Roll Servo Actuator 3 year/1000 hour inspection IAW Cirrus Aircraft AMM 22-10.
- Complied with GSA 80 Yaw Servo Actuator 3 year/1000 hour inspection IAW Cirrus Aircraft AMM 22-10.
- Replaced Heat Reflective Tape on lower cowl IAW Cirrus SR22 AMM 51-30.
- Replaced LH and RH brake caliper springs (P/N: 101-34500) with new springs and temperature indicators IAW SR22 AMM 32-42. Ops check good.
- I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E

DATE: 12-12-2024

SIGNED

Tim O'Reilly

Repair Station No. CDCR140E

WORK ORDER: KTKI4524-11-2024

Printed by EBIS (EBISCloud.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus Factory Service Center
Repair Station No. 9B0R988C
114 Cirrus Landing
Alcoa TN 37701

W/O #: KTY542587-05-2025

DATE: 05-14-2025

Flight Time: 2303.0

Hobbs: 2764.5

Airframe Entries

- Serviced A/C system IAW Cirrus SR22 AMM 21-50.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0R988C.

DATE: 05-14-2025

SIGNED

Gabriel Camacho

Repair Station No. 9B0R988C

WORK ORDER: KTY542587-05-2025

Printed by EBIS (EBISCloud.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI5122-07-2025

DATE: 07-14-2025

Flight Time: 2341.4

Hobbs: 2807.8

Airframe Entries

- Installed new RG24-11M Battery #1 IAW SR22 AMM 24-30.
- Installed new LH MLG tire and tube IAW SR22 AMM 32-41

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E

DATE: 07-14-2025

SIGNED

Alex Coats

Repair Station No. CDCR140E

WORK ORDER: KTKI5122-07-2025

Printed by EBIS (EBISCloud.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI5348-10-2025

DATE: 10-05-2025

Flight Time: 2388.0

Hobbs: 2859.3

Airframe Entries

- Replaced RH Main tire and tube with new tire and tube IAW SR22 AMM 32-41.
- Recharged refrigerant and leak checked ECS IAW SR22 - AMM 12-10 & 21-00.
- Replaced #6 CHT IAW SR22T AMM 77-20. OPS check good.
- Performed Overheated brake inspection on R/H brake and replaced Oring IAW SR 22 AMM 32-42. OPS check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS# CDCR140E

DATE: 10-05-2025

SIGNED

Charles Gazaway

Repair Station No. CDCR140E

WORK ORDER: KTKI5348-10-2025

Printed by EBIS (EBISCloud.com)

DATE

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI5427-11-2025
DATE: 11-03-2025
Flight Time: 2406.2
Hobbs: 2880.8

Airframe Entries

- Removed and replaced Alt 2 brush block assembly IAW- SR22-AMM-24-30. Ops check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, appliance, component part, or portions thereof identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at Cirrus Aircraft McKinney Factory Service Center CRS# CDCR140E

DATE: 11-03-2025

SIGNED:

Tim O'Reilly

Repair Station No. CDCR140E

WORK ORDER: KTKI5427-11-2025

Printed by EBIS (EBIScloud.com)

DATE

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI5473-11-2025
DATE: 12-11-2025
Flight Time: 2428.6
Hobbs: 2906.6

Airframe Entries

- Performed an annual inspection of this aircraft IAW SR22 AMM 05-20 inspection checklist
- Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2025-22. There are no ADs that require compliance at this time.
- Performed research of the aircraft records for any mandatory service bulletins that are due. No MSBs are due at this time.
- Performed research of the aircraft & engine records for any Tornado Alley Turbo mandatory service bulletins that are due.
- Researched and recorded any time life items due per SR22 AMM 05-10 and the Tornado Alley Turbo ICA.
- Inspected oxygen system IAW Precise Flight ICA 102NMAN0003 Rev H 2.7.1 Scheduled Maintenance Checklist
- Inspected and weighed the fire extinguisher IAW SR22 AMM 26-20. Recorded weight: 2lbs 5oz
- Complied with inspection of the ELT in accordance with 91.207(d). Battery due date: May 2028
- Installed new center bolster panel IAW SR22 MM Ch 25-10.
- Installed new Electronic Module Controller Assembly IAW SR22 AMM 25-10.
- Installed new CO Detector IAW SR22 AMM 31-20
- Performed GSM 85A/86 Servo Clutch Test IAW SR22 AMM 22-12. Clutch test passed and within limit.
- Repaired L/H Fwd Baffle IAW AC43.13.
- Removed Old and Installed New Rear Crankcase Through Bolt Bracket IAW Cirrus SR22 AMM 71-00
- Replaced field wire terminal at alt 2. Replaced Alt 2 power cable from MCU to Alternator. All work accomplished IAW SR22 AMM 24-30 and WM 20-10. Ops check good.
- Installed new grommet and applied sealant on LH and RH VOR antenna IAW SR22 AMM 34-50.
- Removed nose landing gear. Removed and replaced flanged bushings and re-installed gear. All work accomplished IAW SR22 AMM 32-20.
- Installed new L/H Brake Caliper assy and performed brake bleeding procedure IAW SR22 AMM 32-42. Ops check satisfactory.
- Replaced TKS sending unit gaskets IAW SR22 AMM 30-07. Ops and leak check good.
- Installed overhauled A/C compressor assembly. Installed new low pressure compressor line. All work was performed IAW SR22 MM Ch 21-50. Ops check good.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Pertinent details of this work order are on file at Cirrus Aircraft McKinney Factory Service Center CRS# CDCR140E

DATE: 12-11-2025

SIGNED:

Tim O'Reilly

Repair Station No. CDCR140E

WORK ORDER: KTKI5473-11-2025

Printed by EBIS (EBIScloud.com)

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 DISAPPROVING AIRCRAFT FOR SERVICE
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MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI5915-04-2026
DATE: 04-27-2026
Flight Time: 2509.5
Hobbs: 2988.4

Airframe Entries

- Refrigerant discharged/recharged/leak checked IAW SR22 AMM 12.10

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, appliance, component part, or portions thereof identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at Cirrus Aircraft McKinney Factory Service Center CRS# CDCR140E

DATE: 04-27-2026

SIGNED:

Son Le
Repair Station No. CDCR140E

WORK ORDER: KTKI5915-04-2026
Printed by EBIS (EBISCloud.com)

MAKE: Cirrus
MODEL: SR22
S/N: 3428
REG. NO: N98LW



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1451 Industrial Blvd.
McKinney TX 75069

W/O #: KTKI6061-06-2026
DATE: 06-15-2026
Flight Time: 2515.3
Hobbs: 3006.0

Airframe Entries

- Removed GMA and GIA #1, inspected, cleaned, and reinstalled IAW SR22 AMM 23-10 and 23-50. Operational check satisfactory

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, appliance, component part, or portions thereof identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at Cirrus Aircraft McKinney Factory Service Center CRS# CDCR140E

DATE: 06-15-2026

SIGNED:

Adriana Shaw
Repair Station No. CDCR140E

WORK ORDER: KTKI6061-06-2026
Printed by EBIS (EBISCloud.com)

INSPECTION RECORD

Date: 7/16/26 TACH 333.5 ACTT TSMOH

RE ATTACHED DUCTING THAT FELL OFF ON
PILOT SIDE VENT. CLEANED COMPRESSOR FWS UNDER
BAGGAGE COMPARTMENT BY SPRAYING WITH SOLVENT.
DRIED & RAN ENGINE TO OPS CHA. ALL OILS CHECK
GOOD. END

Signature:

Cert: 3947132



BARRETT AIRCRAFT COMPANY LLC.

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STATUS & DISCREPANCY LIST
OIVING OR DISAPPROVING AIRCRAFT FOR SERVICE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIR IN

Go to avery.com/templates
Use Avery Template 5168

Date: 10/01/2026

Hours: Hobbs: 3071.3

Tail#: N98LW

Make: Cirrus

Model: SR22

S/N: 3428

-Inspected wasted area and master wastegate controller for defects and freedom of movement and operation. No defects noted. Performed intake system leak check IAW Report #: 22-6460012. Found minor leaks from band clamps, Tightened, Found Sniffer valve near firewall stuck open, Removed, Cleaned, Bench tested, and reinstalled. Isolated and pressurized system to 34.7 in Hg. No appreciable leaks noted. And verified PRV opened at about 34.2"Hg. Verified Sniffer valve closed and sealed shortly after applied air pressure. Removed caps and installed hoses as before. Ran engine on ground. Ops check good.

-Turned Max Rpm stop on governor in 1/4 turn. Saftied. Flight check required for confirm.



Josiah Barrett
Barrett Aircraft Company LLC.

Cert: 3947132 AP/IA

Sign:

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 DISAPPROVING AIRCRAFT FOR SERVICE

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