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**TC # A00009CH**

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Aero Products Corporation

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# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp MODEL SR22 DATE OF MFG. June 2006  
SERIAL NUMBER SR222022 REGISTRATION NUMBER N4355R

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 \_\_\_\_\_

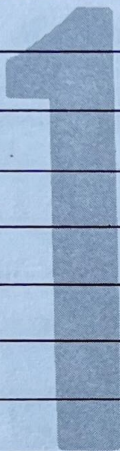
MAINTENANCE RESPONSIBILITY

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	<del>Teledyne Continental Motors</del>	<del>IO-550-N</del>	<del>R L 689786</del>
ENGINE	TCM	IO-550N42	R L 689796
PROPELLER	<del>Hartzell Propellers Inc.</del>	<del>PHC-J3YF-1RF</del>	<del>FP4791B</del>
PROPELLER	<del>Hartzell Propellers Inc.</del>	<del>PHC-J3YF-1NX</del>	<del>AB0576B</del>
ENGINE			
ENGINE			
PROPELLER	HARTZell	PHC-J3YF-1AF	FP5362B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

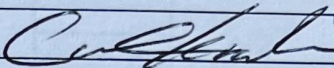
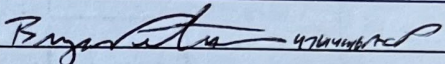
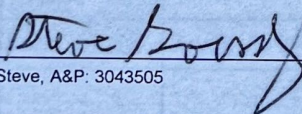








# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		6-22-06 5.6	Searched AD's through bi-weekly issue <u>2006-12</u> . All AD's are in compliance at this time.			 <span style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">MEG 512</span>
		7-18-06 5.6	Searched AD's through bi-weekly issue <u>2006-14</u> . All AD's are in compliance.			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>MAKE: Cirrus MODEL: SR22 S/N: 2022 REG. NO: N435SR WORK ORDER: 11000336-07-2009</p> </div> <div style="width: 30%; text-align: center;"> <p><b>Cirrus Jet</b> Duluth, MN 55811</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 4/12/2010 A/C TSN: 729.1 HOBBS: 729.1</p> </div> </div> <p style="margin-top: 10px;"><b>AD Entries</b></p> <p>(15) Researched AD's through bi-weekly issue 2010-08 for the airframe &amp; appliances. All AD's are in compliance at this time.</p> <hr/> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>DATE: 4/12/2010</div> <div>SIGNED: </div> <div>Work Order: 11000336-07-2009 Printed by EBis 3 (datcomedia.com)</div> </div>						



# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER      ITEM AFFECT

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 2022  
 REG. NO: N435SR  
 WORK ORDER:  
 11000336-07-2009

**Cirrus Jet**  
 Duluth, MN 55811

DATE: 4/12/2010  
 A/C TSN: 729.1  
 HOBBS: 729.1

SIGNATURE  
 DATE NO.

**SB Entries**

(42) Researched and complied with or verified compliance with all applicable CDC recommended & mandatory service bulletins thru 11 April 2010....(43) Complied with CDC SB 2X-05-01, Overhaul and Replacement Schedule - Brake Assembly O-Ring Replacement Interval, dated 11 March 2009 by installing kit P/N 70227-002. In conjunction with compliance with this bulletin the brake assemblies were inspected and the caliper O-rings were replaced with new P/N's 101-34500 IAW CDC MM 32-42. The O-ring replacement interval is now 5 years, On Condition....(44) Verified that CDC SB 2X-21-03R1, A/C Condensor Sealing, dated 28 October 2008 is not applicable to this aircraft by lack of installed equipment...(45) Complied with CDC SB 2X-25-19; Inflatable Restraint Harness Inspection; issue date 30 May 2007 by inspecting, repositioning & securing connectors IAW SB instructions....(46) Verified Compliance with CDC SB 2X-27-14R3, Rudder Aileron Interconnect Modification, dated 10 October 2007 by visual inspection of assembly and presence of experimental airframe logbook entry dated 9 October 2008...(47) Complied with CDC SB 2X-27-16; Flap Actuator Modification, Dated 02 October 2009 by installing Kit P/N 70231-001 IAW SB instructions....(48) Complied with CDC SB 2X-32-19 R2, Nose Landing Gear Assembly Inspection & Reinforcement, dated 25 Feb 2010, by Performing Upper Gusset Plate & Fillet weld Inspection and accomplishing the approved repair by installing Kit P/N 70238-001. No cracks noted at this time. NEXT REQUIRED GUSSETT PLATE INSPECTION @ HOBBS 826.3 HRS....(49) Verified Compliance with CDC SB 2X-52-07R4; Cabin Door Rod End Replacement, dated 24 January 2008 by visual inspection of components and presence of experimental airframe logbook entry dated 9 November 2008....(50) Verified Compliance with CDC SB 2X-95-09-R1, CAPS Strap Abrasion Inspection, dated 10 April 2007 by visual inspection of components & presence of experimental airframe logbook entry dated 12 April 2007....(51) Verified Compliance with CDC SB 2X-95-10R2, CAPS Pick-up Collar Support Replacement, Dated 30 April 2007 by visual inspection & presence of experimental airframe logbook entry for SB 2X-95-10R1 compliance dated 12 April 2007. Compliance with R1 requires no further action for for compliance with R2....(52) Verified that CDC SB 2X-95-12; CAPS CMM Line Cutters Rigging Illustration Error, dated 09 April 2010 is not applicable by reviewing Life limited Replacement of Line cutters on page 4 of airframe logbook. SB DOES NOT APPLY TO THIS AIRCRAFT.

I certify that this aircraft was inspected on this date in accordance with the scope and detail of appendix D to part 43, or other FAA-approved programs, and found to be in a condition for safe operation.

DATE: 4/12/2010

SIGNED: *Steve Gossling*

Work Order: 11000336-07-2009

Gossling, Steve, A&P: 3043505

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# ALTIMETER & STATIC SYSTEM CHECKS

12/14/2011



**LANCASTER AVIONICS, INC**

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

111

ION MAX. ALT. RECHECK REQUIRED APPROVED BY: AGENCY CERT. NO.

DATE

R HOBBS = 889.5  
FLIGHT = 849.3  
OF UNITED ALTIMETER  
TO CORRECT ALTITUDE  
SCALE AND ALTITUDE SCALE  
WITHIN TOLERANCES  
S. ALL WORK WAS  
FACTURERS' INSTRUC-  
43 APPENDIX 'E'.

*Staller*

BBS = 889.5, FLIGHT = 849.3

**LANCASTER AVIONICS INC**  
**CRS # LN7R261N**

I CERTIFY THAT THE TRANSPONDER (S)  
TEST REQUIRED BY FAR 91.413 HAS BEEN  
PERFORMED I/A/W FAR 43 APPENDIX F

UNIT TYPE  
#1 TRANSP GTX 327  
#2 TRANSP N/A  
SIGN Richard A. Staller  
DATE 3-20-12

Customer: <b>ADVANCED AIRCRAFT SERVICES</b>		Aircraft Type: <b>CIRRUS SR22</b>		N#: <b>N435JR</b>			
Altimeter	Manufacturer	Part Number	Serial Number	Test Alt	Pilot	Co-Pilot	
Pilot	<b>AVDYNE</b>	<b>EXP 5000</b>	<b>21067184</b>	<b>18,000'</b>	<b>5FPM</b>		
Co-Pilot	<b>UNITED</b>	<b>5934D-3A-249G</b>	<b>454452</b>	System Leak			
Encoder	<b>A.G.K</b>	<b>A-30</b>	<b>101574</b>	Hysteresis: 50%	<b>9,000'</b>	<b>N/A</b>	
				40%	<b>7,200'</b>	<b>N/A</b>	
				After Effect	<b>0'</b>	<b>N/A</b>	
Error	Pilot	Co-Pilot	Tol	Encoder 125'	Friction		
-1000	-10	-20	20	N/A	-920		
zero	-10	0	20	-20	80	1000 N/A 70 30	
500	-10	+5	20	480	580	2000 70 35	
1000	-15	+15	20	480	1080	3000 70 40	
1500	-10	+20	25	1480	1580	5000 70 40	
2000	-15	+30	30	1980	2080	10000 80 50	
3000	-15	+30	30	2980	3080	15000 90 60	
4000	-15	+30	35	3980	4080	20000 100	
6000	-20	+35	40	5980	6085	25000 120	
8000	-20	+30	60	7985	8085	30000 140	
10000	-20	+20	80	9990	10085	35000 160	
12000	-20	+20	90	11995	12100	40000 180	
14000	-20	+25	100	14000	14100	50000 250	
18000	-30	+20	110	16005	16100		
18000	-30	+20	120	18005	18105		
20000			130			28.10" -1735 -1727 -1740	
22000			140			28.50" -1355 -1340 -1335	
25000			155			29.00" -870 -863 -865	
30000			180			29.50" -400 -392 -385	
35000			205			29.92" -10 zero 0	
40000			230			30.50" 520 +531 530	
45000			255			30.90" 880 +883 900	
50000			280			30.99" 965 +974 980	
PASS		FAIL		Technician: <u>Richard A. Staller</u>		Date: <u>3-20-12</u>	
Pilot Altimeter	X			(Signature)			
Co-Pilot Altimeter	X						
Encoder	X						

(717) 569-1953 Phone  
(717) 569-1722 Fax

Lancaster Avionics Inc.  
500-U Airport Rd  
Lititz, PA 17543

CRS# LN7R261N



# RADIO & ELECTRONIC CHECKS

BY:  
RT. NO.

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

Reg: N435SR  
Date: 10/19/2013  
Hobbs: 1028.6  
Tach: 965.6  
WO# 1825



Removed Avidynel PFD EXP5000 S/N: 21067184 and installed S/N: 20715056.  
Ops and Mag cal checks, normal.

A handwritten signature in blue ink, appearing to read "Tom T. B.", is written over the text area of the check record.

NEXAIR AVIONICS CRS:N40R087B



# AvDyne Aero Services LLC

P.O. Box 8779 BWI Airport Baltimore, Md. 21240

FAA Repair Station CRS# X7NR985X

Reference: FAR 91.411, FAR 43 Appendix E, AC 43-6B

Phone 410-859-3917-Fax 410-859-0704

## IFR Certification Altimeter System

Customer Name: <u>CYEN AIR</u>	Date: <u>4-7-14</u>
W/O No: <u>14-3-006</u>	A/C No: <u>N4355R</u>
A/C Make and Model: <u>C122 V.S. MP 22</u>	Hobbs: <u>1061.7</u>
Altimeter P/N: <u>700-00006000</u>	A/C S/N: <u>2022</u>
Altimeter Primary: <u>Secondary</u>	S/N: <u>20715052</u>
	Make: <u>AVDYNE</u>

Test No: 1

Altitude Feet	Tolerance +/- Feet	Up	Down
-1000	20	--	--
0	20	--	--
500	20	--	--
1000	20	--	--
1500	25	--	--
2000	30	--	--
3000	30	--	--
4000	35	--	--
6000	40	--	--
8000	60	--	--
10000	80	--	--

Altitude Feet	Altitude Tolerance +/- Feet		Pressure	
	Up	Down	Up	Down
12000	90			
14000	100			
16000	110			
18000	120			
20000	130			
22000	140			
25000	155			
30000	180			
35000	205			
40000	230		N/A	N/A
45000	255		N/A	N/A

### TEST NO. 2 FRICTION

Altitude Feet	Altimeter Reads	Tolerance Feet	Altimeter Reads	Altitude Feet	Altimeter Reads	Tolerance Feet
1000	N/A	+/- 70		10000		+/- 80
2000	N/A	+/- 70		15000		+/- 90
3000	N/A	+/- 70		20000		+/- 100
5000	N/A	+/- 70		25000		+/- 120

Altitude Difference	Altimeter Reads	Pressure In. of HG	MB	Adjusted Altimeter Reading	Tolerance Feet	Case Leak Test +/-100	Hysteresis Test 50% +/-75	After Effect Test +/- 30
-1727	N/A	28.10	952		+/- 25	0	0	0
-1340	N/A	28.5	965		+/- 25	0	0	0
-963	N/A	28	982	800	+/- 25	0	0	0
-392	300	29.50	999	400	+/- 25	0	0	0
0	1000	29.92	1013	0	+/- 25	0	0	0
531	630	30.5	1032	530	+/- 25	0	0	0
893	1000	30.9	1046	400	+/- 25	0	0	0
974	1000	30.99	1049	900	+/- 25	0	0	0

Certification performed by Cynthia Dyer

PASS  FAIL

# RADIO & ELECTRONIC CHECKS

CHECKED BY:  
SIGNATURE — CERT. NO.

03-006

tested per FAR

91.413 and is under Work Order



# RADIO & ELECTRONIC CHECKS

RT. NO.

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

## AvDyne AeroServices, LLC

**MAKE:** Cirrus

**MODEL:** SR 22

**SERIAL NO.:** 2022

**REGISTRATION NO.:** N435SR

**DATE:** 04/7/14

**WORKORDER:** 14-03-006

**TOTAL TIME:**

**TAC TIME:** 1061.7

1. Altimeter, static system and altitude reporter has been tested as required by FAR 91.411 for all components tested as per FAR 43 appendix E and AC 43-6B. Tested to 20,000 feet.

**Primary altimeter model:** Avidyne

**PN:** 700-00006-000

**SN:** 20715056

**Secondary altimeter model:** United Instructions

**PN:** 5934D-3A

**SN:** 454452

**Encoder Model:** ACK

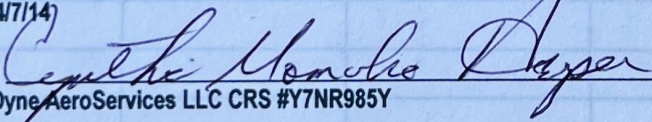
**PN:** A30

**SN:** 101574

//////////////////////////////////////END//////////////////////////////////////

All components have been found to meet the requirements of FAR91.411 and in approved for return to service. Pertinent details of inspection are on file at agency under Work Order No.: 14-03-006

Date: 04/7/14

Signed:  \_\_\_\_\_  
For AvDyne AeroServices LLC CRS #Y7NR985Y



12/14/2013



LANCASTER AVIONICS, INC

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

Customer: Fly Advanced		Aircraft Type: \$R22		NR: N4355R	
Altimeter		Test Alt		Pilot	
Manufacturer		Up		Down	
Part Number		Diff		Co-Pilot	
Serial Number		Tol		Up	
Test Ceiling		Down		Diff	
System Leak		Tol		Up	
Hysteresis:		Down		Diff	
50%		Tol		Up	
40%		Down		Diff	
After Effect		Tol		Up	
		Down		Diff	

Error	Pilot	Co-Pilot	Tol	Encoder 125'		Friction			
				Pilot	Tol	Co-Pilot	Pilot	Tol	Co-Pilot
-1000	+5	-20	20	NA	905	1000	NA	70	25
zero	+5	+10	20	+5	+105	2000		70	20
500	+5	0	20	500	605	3000		70	30
1000	+6	+16	20	1000	1100	5000		70	40
1500	+6	+15	25	1500	1605	10000		80	45
2000	0	+25	30	2000	2100	15000		90	50
3000	+5	+20	30	3000	3105	20000		100	55
4000	0	+25	35	4000	4100	25000		120	
6000	-5	+25	40	6000	6105	30000		140	
8000	0	+20	60	8005	8105	35000		160	
10000	-5	+15	80	10015	10110	40000		180	
12000	-5	+5	90	12010	12115	50000		250	
14000	-15	+10	100	14010	14115				
16000	-20	+5	110	16010	16015				
18000	-15	+15	120	18000	18115				
20000	-20	+35	130	20000	20120				
22000			140						
25000			155						
30000			180						
35000			205						
40000			230						
45000			255						
50000			280						

Pressure - Alt Diff, Tol	+/- 25		
	Pilot	Tol	Co-Pilot
28.10"	-1730	-1727	-1715
28.50"	-1340	-1340	-1325
29.00"	-805	-803	-850
29.50"	-305	-392	-275
29.92"	+5	zero	+10
30.50"	+535	-531	+545
30.90"	+900	+893	+905
30.99"	+975	+974	+990

PASS	FAIL
Pilot Altimeter	X
Co-Pilot Altimeter	X
Encoder	X

Technician: *[Signature]*  
(Signature)

Date: 5-4-16

7295.3 FAT: 1204.2  
LANCASTER AVIONICS INC

CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S)  
TEST REQUIRED BY FAR 91.413 HAS BEEN  
PERFORMED I/A/W FAR 43 APPENDIX F

UNIT TYPE

#1 TRANSP GTX 327

#2 TRANSP NA

SIGN *[Signature]*

DATE 5-4-16

(717) 569-1953 Phone  
(717) 569-1722 FaxLancaster Avionics Inc.  
500-U Airport Rd  
Lititz, PA 17543

CRS# LN7R261N



# 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: SR22  
 S/N: 2022  
 REG. NO: N435SR  
 WORK ORDER:  
 11000374-02-2010

**Cirrus Jet**  
 Duluth, MN 55811

DATE: 4/11/2010  
 A/C TSN: 726.3  
 HOBBS: 726.3

**Airframe Entries**

(16) This aircraft, N435SR ASN 2022, has been owned & operated Cirrus Design Corporation since new. On 26 June 2006 @ 5.6 HRS Hobbs, a Standard Airworthiness Certificate was issued. On 17 July 2006 @ 5.6 HRS Hobbs an Experimental Airworthiness Certificate was issued for the purpose of Research & Development / Market Survey on power plant turbo-normalizing equipment and avionics systems. The Aircraft was operated in the Experimental Category until 11 April 2010 @ 726.3 HRS. Airframe maintenance records of the period of experimental operation are on file @ Cirrus Design Corporation.

At 726.3 HRS hobbs;

- All experimental equipment was removed from the airframe & power plant
- The airframe & power plant werereturned to standard configuration.
- A yearly condition inspection was completed on the airframe & power plant.

On 12 April 2010, the aircraft was returned to the Standard Catagory. Reference Entry on Page 44 of The Inspection Record Section of Airframe logbook.

A record of the return to standard configuration follows below....(18) Removed Turbo-normalizing equipment from Engine Model #IO-550-N42, S/N 689796 originally installed at Tornado Alley Turbo Inc. on 04 AUG 2006 at 12.5 HRS TT. RETURNED ENGINE TO NORMALLY ASPIRATED CONFIGURATION IAW TCDS NO. E3SO @ 726.3 HRS ENGINE TTSN. AIRFRAME TIMES @ INSTALLATION; Hobbs 726.3 hrs , Flight 699.3 Hrs. Installed NEW L & R magnetos TCM P/N 10-500556-1; S/N DIOAAO74(Left) & S/N DIOAAO76

1 of 3

Continued on page 30



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
		CONTINUED FROM PAGE 29		
		<p>(Right) IAW TCM maintenance manual section 12-5. Installed new engine driven Fuel pump P/N 655921-EAI, S/N B09LA003 IAW TCM MM Section 13 &amp; TCM SID 97-3E. Installed new new Fuel injectors P/N's 657068-1234, -2234, -3239, -4236, -5236, -6229 IAW TCM MM 13-7 Installed QTY 12 Champion Spark plugs P/N RHB32E IAW CDC SR22 MM 74-20. Run-up &amp; Leak check- Satisfactory....(19) Removed all experimental / flight test avionics and electrical equipment IAW Standard Maintenance Practices....(22) Installed Propeller Model PHC-J3YF-1RF S/N FP5362B on Engine Model NO. IO-550-N42, S/N 691796 on Cirrus airframe S/N 22-2022 IAW Hartzel MM 115N, Sec. 61-00-15. Propeller TT / TSN 411.0 HRS. Engine TT / TSN 726.3, Airframe times Hobbs 726.3 Flight 699.3 Hrs....(23) Complied with CDC Repair Deviation No. R09998 dated 07 April 2010 IAW, items 1-4 by performing composite repairs to antenna holes at; Upper BL0 -8.5/FS200, Upper BL0/FS140, Upper BL0/FS168, Lower BL0/FS249 and Lower BL0/FS240, item 5 by repairing QTY 6 penetrations to the fireshield &amp; firewall, item 6 by performing composite repairs to the aft floor, item 7 by repairing the L &amp; R lower cowl halves, item 8 by repairing / modifying the RH front engine baffle, item 9 by removing, priming, painting &amp; reinstalling the lower engine attach bridge and lower engine attach plates, Item 10 by installing Qty 2 Magnetometer brackets to RH upper wing skin and item 10 by adding nutplates to the console assembly....(24) Restored A/P disconnect relay wiring to standard configuration IAW CDC SR22 Wiring Manual 22-11-01 pg 4....(25) Restored electrical portion of Pitch Trim system to standard configuration IAW CDC SR22 WM 27-30-01....(26) Removed TATI wiring from firewall forward wire harness and returned harness to original condition IAW SR22 wiring manual and CDC spec 90014....(27) Fabricated and installed P/N 16615-001 alternator 1 power cable IAW CDC DWG NO. 16615 and CDC Process Specification 90014....(28) Removed &amp; replaced firewall forward hot air valve W/ new P/N 20763-003 IAW CDC SR22 MM 21-40....(29) Removed &amp; replaced battery 1 bracket W/ new P/N 10894-004 IAW 53-40....(31) Removed and replaced console bolster panel W/ new P/N 19132-002 IAW CDC DWG 19160....(32) Removed &amp; replaced L &amp; R, upper &amp; lower cabin door latches W/ new P/N's 21889-001 (RH) &amp; P/N 21861-001 (LH) IAW CDC SR22 MM 52-10 &amp; DWG 20257-002. Operational check-satisfactory....(33) Repaired wires PGAL119-18, PGAL130-20 and EEFP151-22 in Firewall Forward Wire Harness. IAW CDC Process Specification 90014 and standard maintenance practices....(34) Removed &amp; replaced ECS manifold assembly with new P/N 20713-003 IAW CDC SR22 MM 21-20....(37) Installed W940 XM Harness P/N 16136-002 IAW CDC DWG. 16995-001....(38) Installed W730 Flight Director Harness P/N 16171-002 IAW</p>		
		2 of 3		



# MAINTENANCE RECORD

## F.A.R. 43.9

NO.  
TO SERVICE

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

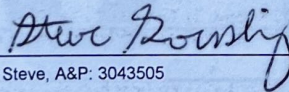
DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

CDC DWG 16172-002....(39) Installed P/N 15597-001 TAWS / EGPWS wire harness IAW CDC DWG 15962-001....(40) Installed P/N 16702-001 Navigation Wire Harness IAW CDC DWG. 16703....(41) Installed new alternate air control cable P/N 14067-002 IAW CDC SR22 MM 71-60....(42) Reinstalled original control quadrant assembly IAW CDC SR22 MM 76-10 & figure 76-101....(46) Restored Pitot and Static system to original configuration IAW CDC DWG 20351-003....(49) Installed XM Weather IAW CDC SB 2X-34-06R1 using kit P/N 70089-07. Installed XM radio IAW CDC SB 2X-34-14R1 using Kit P/N 70118-006. Receiver P/N: 16665-003 Rev. E, S/N: 816001739... (50) Re-installed pitch trim servo CDC P/N 14149-101, S-Tec P/N 0108-15-P4, S/N 0617-16037 IAW CDC SR22 MM 22-11....(51) Installed new Marker Beacon Antenna Cable CDC P/N 15909-101 IAW CDC SR22 MM 34-30....(53) Installed new cabin air control assembly & linkages, CDC P/N 20730-007 IAW CDC DWG's 20731-006, 20702-001 and CDC SR22 MM 21-60. Operational check - Satisfactory....(54) Reinstalled original configuration Avidyne PFD, MFD and radio stack components IAW applicable CDC SR22 MM sections. Performed complete set-up & test of all Avionics & Electrical components and systems IAW CDC Production Acceptance Specification 90404. All Checks-Satisfactory at this time....(57) Fitted & installed the following new interior panels IAW CDC SR22 MM 25-10; Cabin headliner, L & R bolster covers, Center bolster cover, L & R cabin air duct covers and L & R Rear cabin side panels.

DATE: 4/11/2010

SIGNED:



Work Order: 11000374-02-2010

Goessling, Steve, A&P: 3043505

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MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO. N435SR  
WORK ORDER:  
11000336-07-2009

### Cirrus Jet

Duluth, MN 55811

DATE: 4/12/2010  
A/C TSN: 729.1  
HOBBS: 729.1

DATE OF  
COMPLETION

AI

#### Airframe Entries

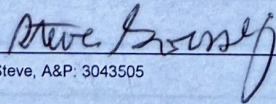
(1) Performed aircraft yearly condition inspection I.A.W. the scope and detail of FAR Part 43 appendix D, using CDC SR22 A.M.M. 05-20 scheduled inspection report....(14) Performed control surface rigging checks IAW CDC form QAF10.11 & applicable SR22 MM sections. All values within limits....(17) Serviced Battery 1 IAW CDC SR22 MM 12-10....(18) Removed, primed, painted and reinstalled lower engine mount attach plates and bridge; Prime & Paint IAW CDC AMM 51-20, Installation IAW CDC Drawing 24850....(20) Lubricated areas as required IAW CDC MM 12-20 Figure 12-201....(22) Performed inspection/check of fire extinguisher IAW CDC SR22 MM 26-20....(23) Performed Emergency Locator Transmitter (E.L.T.) - Functional check I.A.W. 14 CFR 91.207....(24) Removed & replaced standby airspeed indicator w/ serviced P/N 13562-002 IAW SR22 MM 34-10. S/N T48207 (removed) S/N T49152 (installed) Functional check-satisfactory....(25) The required 24 month altimeter, static system, transponder, and altitude reporter tests required by FAR's 91.411, 91.413, & 91.217 were found to be within the limits of FAR 43 appendices E & F and AC 43-6A. Next Test Due 8 April 2012. Reference CDC MFG label affixed on page 17 of airframe logbook....(27) Performed 24 month magnetometer calibration IAW CDC SR22 MM 34-20, functional check-satisfactory....(28) Serviced aircraft tires IAW CDC SR22 MM Figure 12-101....(29) Bled brake system and serviced hydraulic reservoir IAW SR22 AMM 32-42....(30) Removed wheels, inspected, repacked bearings and reinstalled IAW SR22 AMM 32-41....(31) Removed & Replaced propeller governor cable with new P/N 14064-102 IAW CDC SR22 MM 76-10....(32) Performed operational checks of the ice protection system IAW SR22 AMM 30-05. System Function satisfactory at this time....(33) Removed & replaced electric fuel pump assembly w/new CDC P/N 11839-001 IAW SR22 MM 28-20. S/N 2780 (removed) S/N 4845 (installed). Run-up & leak check-satisfactory....(34) Performed aircraft operational and functional check IAW CDC SR22 MM 5-30- Satisfactory....(37) Weighed aircraft IAW SR22MM 8-20. Updated weight & balance and

equipment list In Pilots Operating Handbook to reflect most current configuration....(39) Adjusted Governor control rod end in 2.5 revolutions to achieve engine cruise setting of 2500 RPM IAW SR22 MM 61-20....(40) Adjusted engine oil pressure to aprox. 55PSI @ 175 degrees IAW TCM overhaul manual X30568A section 19-15....(41) Post-maintenance flight test performed by CDC Production Flight Test pilot. Results-Satisfactory.

I certify that this aircraft was inspected on this date in accordance with the scope and detail of appendix D to part 43, or other FAA-approved programs, and found to be in a condition for safe operation.

DATE: 4/12/2010

SIGNED:



Work Order: 11000336-07-2009

Goessling, Steve, A&P: 3043505

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CERTIFICATE NO.  
RETURNED TO SERVICE

DATE OF  
COMPLETION

April 30, 2010 Tac  
~~11000336~~ Cirrus Mo  
N435SR

Replaced #5 exha  
work performed.

Jesus Torres AP 5



# 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: SR22  
 S/N: 2022  
 REG. NO: N435SR  
 WORK ORDER:  
 11000386-04-2010

### Cirrus Jet

Duluth, MN 55811

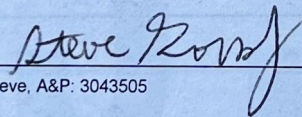
DATE: 4/12/2010  
 A/C TSN: 729.1  
 HOBBS: 730.1

#### Airframe Entries

(1) Removed and replaced VOR antenna. PN: 12742-001. S/N Out: 131630, S/N In: 318018. Functional check on ground with NAV 402 test set - Satisfactory....(2) Repaired damaged wire on co-pilot side passenger mic jack iaw CDC specification 90014. Passed operational test iaw CDC specification 90404....(3) Affix roll trim & "Grab Here" stickers to bolster panels IAW SR22 MM 11-30....(4) Installed fly-away kit in aircraft....(5) Applied caulk fillet to XM antenna IAW standard maintenance practices....(6) Replaced inline resistor, R632, with identical part IAW CDC specification 90014. Verified autopilot disconnect tone per CDC specification 90404....(7) Removed and replaced GNS 430 #1. PN: 011-00280-00 SN: 96300828 removed. PN: 011-00280-10, SN: 97138418 installed. Funct ck ok on ground....(8) Removed and replaced GNS 430 #2 to match set with GNS 430 #1. Removed PN: 011-00280-10, SN: 97112073. Installed PN: 011-00280-10, SN: 97138443. Funct ck ok on ground.

DATE: 4/12/2010

SIGNED:



Work Order: 11000386-04-2010

Goessling, Steve, A&P: 3043505

Printed by EBis 3 (datcomedia.com)

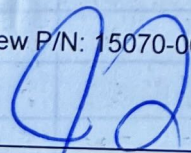
April 30, 2010 Tach: 737.0 Hobbs: 763.9

~~11000386~~ Cirrus Model SR22 S/N: 2022  
 N435SR



Replaced #5 exhaust riser with new P/N: 15070-003. This aircraft is approved for return to service with respect to the above work performed.

Jesus Torres AP 527477618 IA



W.O.# 5663



# 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 SR22-G2  
 S/N 22-2022  
 REG NO 435SR  
 WORK ORDER  
 13606-05-2010

### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
 4514 Taylor Circle  
 Duluth, MN 55811  
 Phone 218- 788-3438

DATE 7/8/2010  
 A/C TSN 770.1  
 FLIGHTTIME 743.2

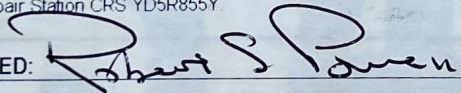
#### Airframe Entries

(11) Adjusted rudder/aileron interconnect to meet specified limits IAW SR-22 AMM chapter 27-20 Lubricated aileron hinge bearings and actuator pulleys per SR-22 AMM chapter 12-20 Verified aileron travels IAW SR-22 AMM chapter 27-20 Operational check satisfactory. (17) Resecured " N-Registration" Placard to instrument panel IAW AMM 11-00 (19) Resecured Pilots Drink holder w/new fasteners P/N's 51385-002 and 51386-001 IAW AMM 25-10 (21) Resecured Hobbs and Flight meters IAW AMM 31-30 (24) Removed and replaced LH upper wheel pant bracket p/n 13522-001 IAW AMM ch. 32-10 (25) Removed and replaced RH fuel drain line p/n 13913-002, IAW AMM chapter 71-70 (29) Installed New Door Seal P/N 52010-008U on LH and RH Door openings IAW AMM 53-40 (35) Removed and Replaced Both Aileron Gap-Seals P/N 14390-002 for L/H and R/H Ailerons IAW CDC SR22 AMM chapter 57-50 (39) Corrected Exterior Cosmetic and Paint Discrepancies IAW CDC SR22 AMM 51-20 and Standard Maintenance Practices (41) Removed and replaced secondary battery due time change IAW AMM ch. 24-30 and 5-10, operational 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 repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 7/8/2010

SIGNED:



Robert Powell  
 Certified Repair Station No. YD5R855Y

Work Order: 13606-05-2010

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# 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 SR22-G2  
 S/N 22-2022  
 REG NO 435SR  
 WORK ORDER:  
 13736-07-2010



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
 4514 Taylor Circle  
 Duluth, MN 55811  
 Phone: 218- 788-3438

DATE 7/21/2010  
 A/C TSN 746 8  
 HOBBS 773 7

#### Airframe Entries

(2) (Flight time 746 8) Corrected Configuration Values for Start-Up Page and verified correct Aircraft Configuration on AVIDYNE MFD IAW CDC SR22 AMM 31-60 and Avidyne MFD Manual . Operational Check Good . (3) Adjusted the left cabin door lower striker pin IAW SR-22 AMM 52-20 . Operational check satisfactory

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: 7/21/2010

SIGNED:

Work Order: 13736-07-2010

Peterson, Daniel J  
 Certified Repair Station No. YD5R855Y

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# MAINTENANCE RECORD

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 8228 23-March-2011 WO# 5275 REF# 5275 AC TT 793.4 HOBBS 820.3  
N435SR S/N 2022 CIRRUS SR22  
FHM 793.4

Pg 2 / 2

NO.  
TO SERVICE

- \*REMOVED AND REPLACED LOWER 2 NLG PUCKS, P/N 13386-001, LOWER PUCK PAI BUSHING, P/N NAS77-18-085, AND NLG REBOUND BUMPER, P/N 18380-001, IAW CIRRUS SR22 MM 32-20.
- \*REMOVED AND REPLACED ANTI-ICE FILTER, P/N 26115-101, IAW CIRRUS SR22 MM 30-05. OPS/LEAK CHECK: GOOD. NEXT CHANGE DUE AT 1993.4 FHM OR 3/31/2013.
- \*REMOVED AND REPLACED HARTZELL PROPELLER SPINNER, P/N C-3532-5P-REP, IAW CIRRUS SR22 MM 61-10.
- \*ADJUSTED MAX RPM SETTING AS REQUIRED IAW CIRRUS SR22 MM 61-20. OPS CHECK: GOOD.
- \*COMPLETED WET COMPASS OPERATIONAL TEST IAW CIRRUS SR22 MM 34-20.

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

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan*

DOUGLAS DUNCAN

A&P/IA 3384163

3-23-11

DATE

MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER:  
2132-02-2012

## Advanced Aircraft Services

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

DATE: 3/23/2012  
A/C TSN: 849.3  
HOBBS: 889.5

### Airframe Entries

Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 03/14. All AD's current thru 2012-05. Ops check good.... Removed and replaced the CAPS reefing line cutters, serial numbers 2025 and 2034, next due Oct 2017.... Removed and replaced the right main tire.... Rigged ailerons. ops check good.... Removed and replaced ELT batteries next due Mar 2014.... Replaced the #2 batteries, next due Mar 2014.... Removed and replaced the EMA controller.

Next replacement due April 2019... AD 2012-03-06 Avstar Diaphragms. N/A... AD 2011-25-51 Starter Adapter. N/A... AD 2011-11-04 Hyd Lifters. N/A... C/W SB 2X-27-16 R1 flap actuator mod.... SB 2X-74-01 Fine wire plugs, N/A, massive plugs are installed.... Repaired the #4 header collector bracket. Removed and replaced the #4 header to collector bolt.... Removed and replaced the right upper MLG fairing bracket.... Resealed the right brake caliper, replaced the thermo-stickers, bled and serviced the brakes.... Applied PRC to the TKS panel edges.... Removed and replaced the wingtip mounting screws.... Rotated the left main tire.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 3/23/2012

SIGNED:

*Richard A. Barnhart II*

Work Order: 2132-02-2012

Richard A. Barnhart II, IA: 3124994AP

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FINANCE RECORD

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED  
APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

ableShot L3 Skywatch System (Processor  
No. 83867); Found antenna mounting hardware  
loose - screws stripped; Replaced 4 antenna mounting  
screws & nuts; ensured coax  
connectors tight; Performed Antenna  
cal & save. Cust to chk in flight. All  
ground chks OK. Details on file. WO 17683

LANCASTER AVIONICS INC  
LANCASTER AIRPORT  
LITITZ, PA 17543

DATE 11-12-12

CERTIFICATE NO. LN7R261N

SIGNED *Indul W. [Signature]*

308



# 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: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER:  
2569-11-2012

### Advanced Aircraft Services

530 Airport Rd.  
Lititz, PA 17543  
Phone: 717-735-5174

DATE: 11/15/2012  
A/C TSN: 885.8  
HOBBS: 934.2

#### Airframe Entries

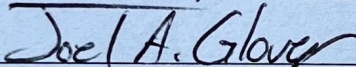
Retensioned the MAP pins at the baffle pass through connector. Ops check good.... Secured the loose rubber trim on the co-pilots door.

#### Maintenance Release

The aircraft and/or component(s) on N435SR 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.

DATE: 11/15/2012

SIGNED:



Work Order: 2569-11-2012

Joel A. Glover, IA: 2849196

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# MAINTENANCE RECORD

## F.A.R. 43.9

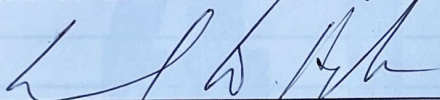
DATE OF  
COMPLETION

AIRCRAFT  
IN SER

04-12-2013 N435SR Model: SR22 SN: 2022 Flt Hobbs:890.1

Opened all access panels, inspected and lubed all controls, c/w FAR 91.207 (d) ELT inspection, battery due March 2014, placed aircraft on jacks, removed all brakes and wheels, inspected wheels, cleaned, inspected and repacked all wheel bearings, reinstalled wheels, inspected brake calipers and reinstalled using all new linings, shims and bleed system, c/w SB 2X-32-19 R2 NLG assembly, no defects noted at this time, due again at FHM 990.1 removed aircraft from jacks, replaced number 4 and 5 EGT probes, replaced induction air filter, checked and cleaned fuel filter, c/w SB 2X-05-02 Induction Flapper bolt replacement, due again at FHM 1390.1 or 04-2015, repaired flapper control arm by adding bushing to control arm, due to no parts available, serviced main battery, closed all panels, ran aircraft for operation, leak check and brake lining break-in, operation shows normal and no leaks found at this time.

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



David D. Hopkins

3041709 IA

AGENCY & CERTIFICATE NO.  
PERFORMED/RETURNED TO SERVICE

DATE OF  
COMPLETION

LAND  
LOG  
N435  
FLIGHT

\*\*\*\*  
DISCREPANCY  
ACTION

\*\*\*\*  
DISCREPANCY  
ACTION  
DEFERRED

CRS#



# 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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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 3211 14-May-2013 WO# 18109 AC TT 947.9 HOBBS 947.9  
N435SR S/N 2022 CIRRUS DESIGN CORP. SR22  
FLIGHT TIME 894.5

Pg 1 / 1

\*\*\*\* ITEM # 18109-1 REPLACE AUTOPILOT DISC. SWITCH \*\*\*\*  
DISCREPANCY: REPLACE AUTOPILOT DISCONNECT SWITCH.  
ACTION: REMOVED AND REPLACED AUTOPILOT DISCONNECT SWITCH. RAMP CHECKS GOOD.

\*\*\*\* ITEM # 18109-2 REPAIR XM WEATHER \*\*\*\*  
DISCREPANCY: XM WEATHER HAS WEAK TO NO SIGNAL RECEPTION.  
ACTION: RAMP CHECKED AND VERIFIED FAULT. ISOLATED PROBLEM TO A FAULTY XM WEATHER ANTENNA. CUSTOMER DEFERS REPAIR, NO FURTHER ACTION TAKEN.

*James Good*

CRS# LN7R261N JAMES GOOD

5-21-13 CIRRUS SR22 N435SR, HOBBS=950.7, FLT=896.5  
REMOVED FAILED COMANT XM WX DATA LINK ANTENNA,  
P/N CI420-1 S/N 134216 AND INSTALLED COMANT XM  
DATALINK ANTENNA, P/N CI420-1, S/N 419032. ALL  
WORK WAS ACCOMPLISHED I.A.W. THE MANUFACTURER'S  
INSTRUCTIONS. OPERATIONAL TESTS PASSED. —END

LANCASTER AVIONICS INC  
LANCASTER AIRPORT  
LITITZ, PA 17543

DATE 5-21-13

CERTIFICATE NO. LN7R261N

SIGNED *Richard C. Staller*



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF  
COMPLETION

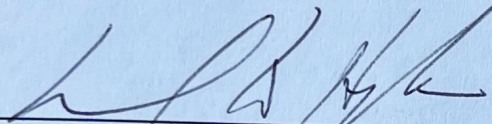
AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

Engine Entry  
05-31-2013 N435SR Model: SR22 SN: 2022 Flt Hobbs:897.1

Removed and replaced all sparkplugs with new Tempest URHB32E sparkplugs, ran engine for operation, operation shows normal.



---

David D. Hopkins

3041709 IA

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

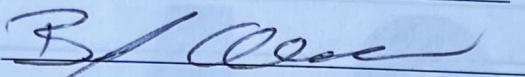
DATE AIRCRAFT TIME IN SERVICE

0-Jun-06 5.6 / 1RS

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

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

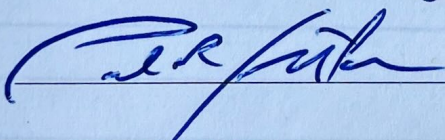
Name: Brian J Olson Date 20 Jun 06

Signature: 

Title: Production Flight Test Pilot

Jun-26-2006 5.6

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated Jun/ 26 / 2006  
The next inspection is due Jun/ 30 / 2007



PAUL R. SITKO  
DMIR-410373-CE



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

CC

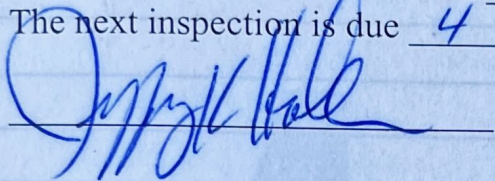
4-12-2010

729.1

I find that the aircraft meets the requirements for the certification requested and have issued a Standard

Airworthiness Certificate dated 4 / 12 / 2010

The next inspection is due 4 / 30 / 2011

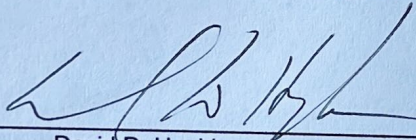


Jeffrey K. Holter

DMIR410073CE

11-11-2013 N435SR Model: SR22 SN: 2022 Flt Hobbs:973.4

Removed number 1 battery, serviced and installed new G-243 battery, SN: G02775673, aircraft run up shows normal operation.



David D. Hopkins

3141709 IA



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

### AvDyne AeroServices, LLC

MAKE: Cirrus  
MODEL: SR22  
SERIAL NO.: 2022  
REGISTRATION NO.: N435SR

DATE: 01/24/14  
WORKORDER: 14-01-008  
TOTAL TIME: 1047.0  
TAC TIME: 979.6

1. Troubleshoot traffic unit using pitot/static test box. Replaced airspeed switch PN 14128-001 test per CMM34-40 pg. 13 thru 21. Ops check okay.
2. Cleaned electrical connectors to map sensor. Run up checks okay.

//////////////////////////////////////END//////////////////////////////////////

This 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 agency under Work Order No.: 14-01-008  
Date: 01/24/14

Signed: *Lynn A. Eato*  
For AvDyne AeroServices LLC CRS #Y7NR985Y



# 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

### AvDyne AeroServices, LLC

MAKE: Cirrus

MODEL: SR22

SERIAL NO.: 2022

REGISTRATION NO.: N435SR

DATE: 04/11/14 *1 of 2*

WORKORDER: 14-03-006

TOTAL TIME: 1061.4

TAC TIME: 995.2

1. Completed annual inspection on airframe per Cirrus maintenance manual.
2. Flight controls travels and cable tensions check okay.
3. Lubricated aircraft per Cirrus maintenance manual.
4. ELT inspected and tested per FAR91.207D. ELT batteries replaced PN MN1300. ELT battery due Dec. 2023.
5. Installed new induction filter PN BA24.
6. Fuel filter cleaned, inspected and reinstalled with new seals PN MS29513-137 and NAS1523-8B leak check okay.
7. Installed new right brake caliper seals 2ea PN MS28775-222 o-ring. Installed new temp labels PN 51698-001 and PN 51698-003. Brakes bled. Ops check okay.
8. Installed new brake linings 4ea PN 066-06200 on left main gear and right main gear.
9. Replaced nut 1ea PN MS17825-4 on rudder attach bolt.

This 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 agency under Work Order No.: 14-03-006

Date: 04/11/14

Signed: \_\_\_\_\_

For AvDyne AeroServices LLC CRS #Y7NR985Y



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

DATE AIRCRAFT TIME  
IN SERVICE

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

**AvDyne AeroServices, LLC**

**MAKE: Cirrus**

**MODEL: SR22**

**SERIAL NO.: 2022**

**REGISTRATION NO.: N435SR**

**DATE: 04/11/14** *LJE*

**WORKORDER: 14-03-006**

**TOTAL TIME: 1061.4**

**TAC TIME: 995.2**

**10. Installed new nose spindle cup PN 18110-001 with PN 50195-001U adhesive. Replaced thrust washer PN 50545-001 and castle nut PN MS178268-8. Adjusted pivot friction. Ops check okay.**

**11. Installed new left and right aileron gap seal PN 14390-003.**

**12. Replaced faded "No Push" decals 4ea PN 12431-001.**

**13. Installed new standby airspeed indicator PN 13562-002 on SN T56316 off SN t49182. Ops check okay.**

**14. AD's researched thru AD Toolbox update 2014-02B dated 04/11/14.**

//////////////////////////////////////**END**//////////////////////////////////////

**This 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 agency under Work Order No.: 14-03-006**  
**Date: 04/11/14**

Signed: *Lynn A. Eaton*  
For AvDyne AeroServices LLC CRS #Y7NR985Y



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER:  
16167-06-2014



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4961 Airport Road  
Duluth, MN 55811  
Phone: 218-788-3438

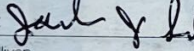
DATE: 6/13/2014  
AVC TSN: 1032.4  
HOBS: 1098.6

#### Airframe Entries

- (2) Upper windscreen trim replaced. IAW AMM 25-10. Function check of lighting complete with satisfactory results. Compass swing completed.
- (4) Lubricated cabin door latch assemblies I.A.W. CDC A.M.M. 12-20.

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: 6/13/2014

SIGNED:   
Joseph Sullivan  
Certified Repair Station No. YD5R855Y

Work Order: 16167-06-2014

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

**AvDyne AeroServices, LLC**

MAKE: Cirrus

MODEL: SR22

SERIAL NO.: 2022

REGISTRATION NO.: N435SR

DATE: 10/21/14

WORKORDER: 14-10-006

TOTAL TIME: 1140.1

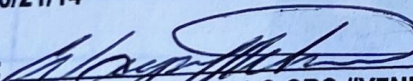
TAC TIME: 1073.9

1. Replaced missing wing root panels PN 12416-001 (2ea)
2. Replaced #2 cyl. EGT probe with new PN 16579-002. Ops check good.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 14-10-006  
Date: 10/21/14

Signed:

  
For AvDyne AeroServices LLC CRS #Y7NR985Y



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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

**AvDyne AeroServices, LLC**

**MAKE: Cirrus**

**MODEL: SR22**

**SERIAL NO.: 2022**

**REGISTRATION NO.: N435SR**

**DATE: 11/24/14**

**WORKORDER: 14-11-007**

**TOTAL TIME: 1147.2**

**TAC TIME: 1081.0**

1. Replaced flight hobbs air speed limitation switch PN 14128-001. Ops check good.
2. Replaced crushed pilot seat pad with new crush pad PN 14152-004. Now okay.

//////////////////////////////////////**END**//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 14-11-007

Date: 11/24/14

Signed: \_\_\_\_\_

For AvDyne AeroServices LLC CRS #Y7NR985Y



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

AIRCRAFT TIME  
IN SERVICE

MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 2022  
REG. NO: 435SR  
WORK ORDER:  
15483-04-2015

**Foothill Aircraft Sales & Service, Inc.**

Repair Station No. AJ4R052M  
1749 W 13Th St  
Upland, CA 91786  
Phone: 909-985-1977

DATE: 5/1/2015  
A/C TSN: 1120.8  
TACH: 1120.8

### Airframe Entries

(1) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING CIRRUS M.M CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE APRIL 2017. ADs CHECKED THROUGH 04/24/2015. REPLACED AIR INDUCTION FILTER WITH NEW P/N BA-24.... (4) R & R LH TIRE , TUBE, BRAKE DISC AND LININGS WITH NEW. PACKED BEARINGS.... (5) R & R RH TIRE , BRAKE DISC AND LININGS WITH NEW. PACKED BEARINGS.... (6) R & R FLAPPER VALVE AND HOUSING ASSY WITH NEW. **SB2X-05-02** DUE AGAIN 04-2017 OR 1320.8... (7) R & R RH WHEEL FAIRING BRACKET WITH NEW.... (8) REPLACED BOTH #2 BATTERIES WITH NEW. DUE AGAIN 04-2017... (9) ADJ NOSE GEAR BREAK AWAY FORCE. PACKED NOSE WHEEL BEARINGS.... (10) INSTALLED AND RIGGED NEW RUDDER AILERON INTERCONNECT BUNGEE PER **SB 2X-27-14R3**... (12) WEIGHED FIRE EXTINGUISHER. CHECKS GOOD 18.4 OZ... (13) CW UPPER PLATE INSP PER **SB2X-32-19 R3** NOSE GEAR. DUE AGAIN 1220.8... (14) CLEANED SEAT RAILS.... (16) REPLACED 6 LANDING GEAR FAIRING WELL NUTS WITH NEW.

### Maintenance Release

I certify that the aircraft and/or component(s) on 435SR was repaired and inspected in accordance with a Annual inspection per the manufactures maintenance manual and 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. 15483-04-2015, Dated 5/1/2015.

DATE: 5/1/2015

SIGNED:

Mike Hartman

Certified Repair Station No. AJ4R052M

Work Order: 15483-04-2015

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE AIRCRAFT TIME  
IN SERVICE

DATE

AIRC  
IN

### MAINTENANCE RECORD

Date: September 14, 2015	Page 1 of 1 Pages	Reg. No: N435SR
<b>Aircraft:</b> Cirrus SR22	Serial #: 2022	Flight Time / Hobbs: 1,166.8 / 1,249.9

The below listed items were accomplished in accordance with Cirrus Design SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [ ], followed, in bold, directly by AD notes and SB's.

Work Order 041506509

[001] Aircraft battery p/n G-243 s/n G02775673 removed, charged, and reinstalled. Installed a new terminal end on the alternator's battery wire.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

*JAMES CARVER*  
JAMES CARVER  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

**DEBLOIS AEROSPACE LLC** 11842 FAWN COURT NEW MARKET MD 21774 (301)-641-4657

MAKE: CIRRUS

AIRFRAME LOG ENTRY

ACTT: 1173.2 HR

MODEL: SR22

N435SR

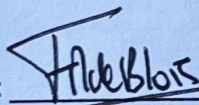
HOBBS: 1257.1 HR

SERIAL #: 2022

-----  
INSTALLED A NEW RG24-11M CONCORD SEALED BATTERY S/N 40760454.

All the work was accomplished in accordance with current Federal Aviation Regulations and the manufacturer's maintenance instructions. Details of work performed is on file at Deblois Aerospace LLC.

Signature:



Frans de Blois

Certificate #: 3200667 A&P

Date: 25 AUG 2015



# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 4013 09-November-2015 WO# 20405 HOBBS 1261.1  
N435SR S/N 2022 CIRRUS DESIGN CORP. SR22  
FLIGHT TIME 1175.9

Pg 1 / 1

\*\*\*\* ITEM # 20405-1 REPAIR EXP5000 PFD - AVIDYNE WARRANTY \*\*\*\*

DISCREPANCY: PFD FAILED. HAS VERTICAL LINES THROUGH DISPLAY.

Model: EXP5000 Part#: 700-00006-000

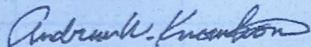
ACTION: OPS CHECKED AND VERIFIED FAULT. REMOVED DEFECTIVE EXP5000 PFD, S/N 20715056. INSTALLED WARRANTY EXCHANGE EXP5000 PFD, S/N 20055048 & RE-SET CONFIG SETTINGS. FINAL CHECKS GOOD.

\*\*\*\* ITEM # 20405-2 UPDATE GARMIN AVIONICS SOFTWARE \*\*\*\*

DISCREPANCY: UPDATE GTX327, #1 GNS430 & #2 GNS430 SOFTWARE.

ACTION: 1.) GTX327 TRANSPONDER, S/N 83715549 - UPDATED SOFTWARE FROM V2.07 TO V2.12 I.A.W. GARMIN SERVICE BULLETIN 1428, REV. A.

2.) #1 GNS430, S/N 97138418 & #2 GNS430, S/N 97138443 - UPDATED MAIN SOFTWARE FROM V5.01 TO V5.04 I.A.W. GARMIN SERVICE BULLETIN 0844. GPS SOFTWARE IS ALREADY CURRENT WITH V3.03.



ANDREW W. KNOWLTON



It is important to  
Where the user/installer  
I, it is essential that the  
Statements in Block 14 are  
Federal regulations by use  
\* In

**AEROSPACE LLC** 11842 FAWN COURT NEW MARKET MD 21774 (301)-641-4657

**MAKE: CIRRUS**  
**MODEL: SR22**  
**SERIAL #: 2022**

**AIRFRAME LOG ENTRY**  
**N435SR**

**HOBBS: 1273.1 HR**  
**FLIGHT: 1186.2 HR**

-----  
INSTALLED A NEW STARTER FROM CONTINENTAL P/N 657596 S/N 4C3-151308  
UNDER WORK ORDER 335878 DATED 29 APRIL 2013.

All the work was accomplished in accordance with current Federal Aviation Regulations and  
the manufacturer's maintenance instructions. Details of work performed is on file at DeBlois  
Aerospace LLC.

Signature: Frans de Blois  
Frans de Blois

Certificate #: 3200667 A&P

Date: 16 NOV 2015



# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME  
IN SERVICE

### DEBLOIS AEROSPACE LLC

11842 FAWN COURT NEW MARKET MD 21774 (301)-641-4657

MAKE: CIRRUS

N435SR

HOBBS: 1284.3 HR

MODEL: SR22

FLIGHT: 1196.4 HR

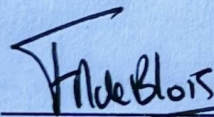
SERIAL #: 2022

-----

INSTALLED A NEW AILERON GAP SEAL ON THE RIGHT WING P/N 14390-003.  
INSTALLED A NEW ROD END ON THE PILOT DOOR GAS STRUT P/N 18200-101.  
REINSTALLED THE LEFT MAGNETO P/N 10-500556-1 S/N D10AA074 AFTER 500 HOUR INSPECTION BY AIRCRAFT ACCESSORIES UNDER WORK ORDER 14400 DATED 12/15/15.  
REINSTALLED THE RIGHT MAGNETO P/N 10-500556-1 S/N D10AA076 AFTER 500 HOUR INSPECTION BY AIRCRAFT ACCESSORIES UNDER WORK ORDER 14399 DATED 12/15/15.  
PERFORMED RUN-UP. NO LEAKS FOUND.

All the work was accomplished in accordance with current Federal Aviation Regulations and the manufacturer's maintenance instructions. Details of work performed is on file at Deblois Aerospace LLC.

Signature:

  
Frans de Blois

Certificate #: 3200667 A&P

Date: 29 DEC 2015



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER:  
4392-02-2016

**fly ADVANCED** Fly Advanced  
530 Airport Rd.  
Lititz, PA 17543  
Phone: 717-735-5179

DATE: 3/1/2016  
A/C TSN: 1198.8  
HOBBS: 1288.3

### Airframe Entries

Rebonded the Bag Bay Window to the Fuselage IAW the CMM.

### Maintenance Release

The aircraft and/or component(s) on N435SR 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

DATE: 3/1/2016

SIGNED

Work Order: 4392-02-2016

Jonathan T. Milby, A&P: 3477163AP

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER:  
4419-03-2016

**ADVANCED** Fly Advanced

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

DATE: 5/17/2016  
A/C TSN: 1204.2  
HOBSBS: 1295.3

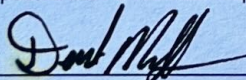
### Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 05/2018. All AD's current thru 2016-10.... C/W SB 2X-95-18 R3 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute S/N 01914R1. Next replacement due 4/20/2026. Installed rocket motor assembly S/N 1684. Next due 4/25/2026. Installed frangible link assembly S/N 2335. Reinstalled the CAPS reefing line cutters serial numbers 2025 & 2034. Next due for replacement 10/2017 Weight and balance updated, see POH.... C/W SB 2X-95-13 CAPS Strap Inspection and Grommet Installation.... Removed and replaced the "NO FUEL" placard at the TKS reservoir.... Retorqued the NLG strut pivot bolts.... Shimmed the upper puck pan to prevent bushing migration.... Removed and replaced the NLG rebound bumper.... Tightened the engine drain manifold at the firewall.... Repaired the collector bolt brackets on the #1 header and the L/H exhaust collector.... Secured the fuel supply line at the engine driven fuel pump.... Secured the alternate air cable from chafing the ignition harness.... Removed and replaced the throttle cable baffle pass through grommet.... Installed a new cylinder #2 barrel baffle spring.... Re-rigged the rudder/aileron circuit.... Removed and replaced the rudder rod end.... Removed and installed the ailerons to re-torqued both aileron actuation arms.... Touched up a chafe in the R/H flap and installed anti chafe tape to prevent further chafing.... Removed and replaced both brake caliper flex hoses.... Removed and replaced the nose wheel bearings and races.... Removed and replaced all MLG mushroom fairing wellnuts.... Adjusted the prop blade deice tubes.... Cleaned the firewall ground block and associated terminals.... SB 2X-05-02 Alternate Air Valve Bolt Replacement. PCW... C/W SB 2X-52-08 R2 Catcher/Diverter and Gas Strut Replacement.... Installed strain relief brackets on the MAP and oil pressure sensors.... C/W SA13-05 Elevator Hinge Pin Inspection. No defects noted.... C/W SA15-03 H3R Aviation SB 2015-01 Fire Extinguisher. No defects noted.... Resealed both brake calipers, installed the high temp M83461/1-222 o-rings and bled the brake system.... Removed and replaced the ELT and the RCPI batteries.... Re-sealed the #1 com and storm scope antennas on the top of the fuselage.

I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/17/2016

SIGNED:



Work Order: 4419-03-2016

Derrick S. Miller, IA: 3221608

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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

MAKE: Cirrus  
MODEL: SR22  
S/N: 2022  
REG. NO: N435SR  
WORK ORDER: 200469



### Clear Star Aviation

Repair Station No. 5CSR009B  
4765 Frank Luke Dr  
Addison, TX 75001  
Phone: 972-267-2376

DATE: 1/13/2017  
A/C TSN: 1269.7  
TACH: 1269.7

### Airframe Entries

Performed Avidyne SB 601-0004-87 Rev 02 01 June 2011.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 1/13/2017

SIGNED:

Work Order: 200469

Palmer, Dawit  
Certified Repair Station No. 5CSR009B

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME  
IN SERVICE

MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 2022  
REG. NO: 435SR  
WORK ORDER:  
16725-05-2017



**Foothill Aircraft Sales & Service, Inc.**

Repair Station No. AJ4R052M  
1749 W 13Th St  
Upland, CA 91786  
Phone: 909-985-1977

DATE: 5/24/2017  
A/C TSN: 1290.8  
TACH: 1290.8

### Airframe Entries

(1) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING CIRRUS M.M CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE 05/2018. ADS CHECKED THROUGH 05/24/2017. REPLACED AIR INDUCTION FILTER WITH NEW P/N BA-24.... (4) C/W SB 2X-05-02 INDUCTION FLAPPER BOLT... (5) REPLACED LEFT BRAKE CALIPER PISTON O-RINGS, IN STALLED NEW TEMP INDICATORS, BLED AND SERVICED FLUID SYSTEM... (6) RE-SEALED BOTTOM OF TOP REAR WINDOW.

### Maintenance Release

I certify that the aircraft and/or component(s) on 435SR was repaired and inspected in accordance with a Annual inspection per the manufactures maintenance manual and 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. 16725-05-2017, Dated 5/24/2017.

DATE: 5/24/2017

SIGNED:

Joe Caliva

Certified Repair Station No. AJ4R052M

Work Order: 16725-05-2017

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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

MAKE Cirrus  
MODEL SR-22  
S/N 2022  
REG NO N435SR  
WORK ORDER  
30588-11-2017

### Commander Aero, Inc.

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

DATE 11/29/2017  
A/C TSN  
FLIGHTTIME 1314 g

### Airframe Entries

(1) Removed reefing line cutters S/N's 2034 and 2025. Installed new reefing line cutters P/N 25347-002 S/N's 11993 and 11934.  
Due 11/2023.

Maintenance Release

The aircraft and/or component(s) on N435SR 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. 30588-11-2017.

DATE: 11/29/2017

SIGNED:

*Alvin Mizler*  
Mizler, Alvin  
Certified Repair Station No. GA5R-876M

Work Order: 30588-11-2017

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**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F



Date: 02/23/2018 Work Order: AMO8164 N#: N435SR  
Aircraft Make/Model: Cirrus / SR22 Serial #: 2022  
Tach Meter: 1315.7 Total Time: 1315.7

**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
2. Installed new left main gear fairing bracket P/N 17205-001 (C of C) to left main gear.
3. Installed new inflator P/N 20902-005 S/N Z7171183064 and S/N Z7171182050, 90° fitting P/N 20902-007, and Wire harness P/N 20902-006 to left and right seatbelt system per Cirrus SR22 AMM. Inflators next due 02/2030.
4. Installed new Seatbelt EMA Assy P/N 20902-001 (C of C) to aircraft. Next due 01/2025.
5. Installed new main battery P/N RG24-11M S/N 40921275 to aircraft.
6. Installed new Battery #2 P/N 50979-001 (C of C).
7. Complied with Cirrus Mandatory SB 2X-32-19 R2 "NLG Assy Inspection" per SB 2X-32-19 R2 instructions. No cracks found at this time. Next due Tach 1415.7.
8. Complied with Cirrus Mandatory SB 2X-95-24 R1 "CAPs Rocket Shelf Ground wire" per SB 2X95-24R1 instructions.
9. Complied with 91.207(c & d) "ELT inspection". Batteries due 01/20

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 2018-04

**"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:  for CRS# IKBR028F

**INSPECTION RECORD**

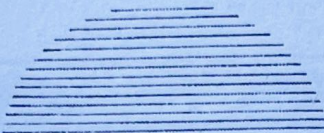
**13.11-91.409**

INSPECTION - STATUS & DISCREPANCY LIST  
PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

2



Date: 2/18/2019  
Flt: 1333.9  
TTAF: 1333.9



Cirrus: SR22  
Reg. No: N435SR  
Ser. No: 2022

## Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

### AIRFRAME LOG ENTRY

CW Annual Inspection IAW FAR 43 Appendix D. Resealed and bled RH brake caliper, Serviced brake reservoir. Installed LH,RH and nose tires with new and serviced. CW ELT inspection IAW FAR91.207 (d) battery expires Jan 2020. CW AD research through biweekly 2019-04. Ground run operational & leak check good.

### MAINTENANCE RELEASE

I certify that this Airframe has been insp IAW annual Inspection & was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M4963.

Signed: [Signature] Cert. No: AP 26225981A Date: 2/19/19  
For Horizon Avionics, Inc.

Removal Engine PIN FO-550M42 SN 689796

For OH at PCS Engines, A/P 3176242 Daulton

Removal Prop PIN PHC-J 34F-1RF SN F05362B

For OH at Hartcell A/P 3176242 Daulton



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

### Achievement Aviation of Ohio

CRS 9FDR993C

Facility Address:

6177 St Rd 219

Hangar 51

Celina, OH 45822

April 14, 2020    N435SR    Cirrus SR22    Hobbs time:1479.6

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F.

Altimeter Model:Avidyne EXP5000    Alt 2: United 5934D3    Transponder Model Avidyne AXP322    Encoder Model ACK A30.9

Serial No.    20025177    Serial No.    454452    Serial No.    09854    Serial No.    154130

The altimeter was tested to 20,000 feet on this date.

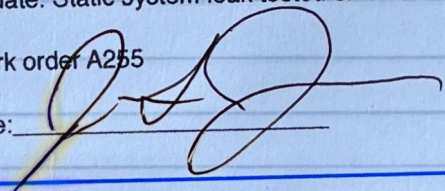
The transponder was tested on this date.

Encoder data correspondence was tested to 20,000 feet on this date. Static system leak tested on this date.

Details of the inspection are on file at the repair station under work order A255

April 14, 2020    Certified Repair Station 9FDR993C

Signature: \_\_\_\_\_





# INSPECTION RECORD

## AIRFRAME LOG

05/01/2020

Make: N435SR  
CIRRUS  
Hobbs: 1479.6



S/N: 2022  
Model: SR22  
Tach: 1342.9

1. REMOVED GMA 340 P/N 011-00401-10, GNS 430's P/N 011-00280-10, 55x Autopilot P/N 01192-4-53-30P, GTX327 transponder P/N 011-60590-00.
2. Installed PMA AMX240 audio panel P/N 050-890-0240 S/N B01736, IFD550 P/N 850-00182-020 S/N M193862587, IFD440 P/N 850-00179-000 S/N M194364837, DFC 90 P/N 700-00170-000 S/N M194063252, AXP322 S/N 850-002222-00 S/N 09854, AC-30 mod 9 Encoder S/N 154130.
3. Installed WAAS #1 GPS antenna CI-428-410 using **SB2X-34-24R1** as a guide.
4. R&R GPS 2 antenna and cable with RG400 and WAAS CI-2580-200 com /GPS 2 antenna.
5. Installed CI-105-16 antenna using Cirrus SB2X-23-05R1 as a guide.
6. R&R PFD EX5000 for MOD 55, MOD 48 P/N 700-00006-000 S/N 20025177, MFD MOD22, SW 8.2. 2, P/N700-00004-008, S/N 23438105.
7. Installed PMA cyclone cooling fan.
8. Updated W&B.

The aircraft and /or component listed above was repaired and or inspected in accordance with current regulations of the FAA, and is approved for return to service.  
A/P 3176242 Danny Potter

## AIRFRAME LOG

05/01/2020

Make: N435SR  
CIRRUS  
Hobbs: 1479.6



S/N: 2022  
Model: SR22  
Tach: 1342.9

1. Removed all flight controls, covers, inspection panels, and decals.
2. Stripped all flight controls using PR-2002, neutralized using ALK-600, cleaned and water brake tested, Etched, Alodine, and epoxy primed.
3. Prepared flight controls airframe for paint per Cirrus AMM 51-20
4. Painted airframe and flight controls per Cirrus AMM 51-20 using materials from Cirrus AMM 51-30. Athens Blue SGP200007, Snow white CMO855102, Black SGO1955, pearl strips SGO1955 with 1006 silver pear EF13.
5. Check all flight controls are with in balance limits.
6. Reinstalled all flight controls, covers and inspection panels, window sealant, wing walk, gapes seals and decals.
7. R&R refurbished interior components from SCS interior.

The aircraft and /or component listed above was repaired and inspected in accordance with manufactures AMM & current regulations of the FAA, and is approved for return to service.

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

A/P 4076904 Echo Henderson

Signed



## INSPECTION RECORD

## AIRFRAME LOG

05/01/2020

N435SR	S/N:	2022
Make: CIRRUS	Model:	SR22
Hobbs: 1479.6	Tach:	1342.9

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). Installed new ELT battery next due 05/2026, Next inspection due 05/2021.
3. R&R MLG tires & tubes MLG P/N 156E66-4 & P/N 097-500-0 NLG P/N 06-05100-3, P/N 06-00019.
4. R&R brake linings P/N CL066-06200.
5. R&R brake disk P/N 164-02504.
6. C/W SB2X-05-01 O-ring replacement next due 05/2025.
7. R&R new brake spacers P/N RA068-01100.
8. R&R NEW MCU130 P/N 199900-012 S/N 02073.
9. R&R and indexed NLG spindle stop that was installed incorrectly.
10. R&R landing light with WAT aerospace BoomBeam HID landing light P/N LSM-500-082 PER STC # SA02279AT.
11. R&R nav / strobe lights Whelen Orion 600 wing tip position / anti-collision LED Lights P/N01-0771733-11,01-0771733-12.
12. R&R NEW NLG PUCKS P/N J11968-10.
13. R&R NEW NLG rebound bumper P/N18380-001.
14. R&R NEW BAT 2 P/N 50979-001. next due 05/2022
15. R&R NEW BAT 1 RG-15. NEXT due 05/2023.
16. R&R NEW rudder-aileron bungee P/N 12983-001 next due 05/2025.
17. R&R 6 NEW EGT probes P/N 16579-002.
18. R&R 6 NEW CHT probes P/N 16578-001.
19. C/W SB2X-05-02, Induction Flapper Bolt, NEXT due 05/2022 or FT 1842.9. W.C.F.
20. R&R TKS filter. P/N 908-1 next due 05/2022 or FT 1842.9. W.C.F.
21. R&R NLG wheel pant brackets P/N11799-004
22. Replaced Ignition Switch with New. New key code is 125

WWW.STEELAVIATION.COM

## AIRFRAME LOG

05/01/2020

N435SR	S/N:	2022
Make: CIRRUS	Model:	SR22
Hobbs: 1479.6	Tach:	1342.9

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

A/P 3343189 I/A Kevin Pierron

Signed 

WWW.STEELAVIATION.COM



# INSPECTION RECORD

1-91.409

ATION - STATUS & DISCREPANCY LIST  
ON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

## AIRFRAME LOG

7-9-2020



N435SR  
Make: Cirrus  
Hobbs: 1506.0

S/N: 2022  
Model: SR22  
Tach: 1363.6

1. Replaced XM Bluetooth Data Receiver with a serviceable unit. P/N 16665-003 Rev E, S/N ON: 81600065.
2. Removed and resealed XM antenna.

Echota Henderson A&P 4076904

07



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

7940 AIRPARK ROAD GAITHERSBURG, MD 20879 (301)-641-1547

MAKE: CIRRUS  
MODEL: SR22  
SERIAL #: 22-2022

AIRFRAME LOG ENTRY  
N435SR

HOBBS: 1508.9 HRS  
FLIGHT: 1365.7 HRS

REMOVED LH WING TIP TO GAIN ACCESS TO AILERON ATTACH HARDWARE. REMOVED AILERON TO GAIN ACCESS TO TRIM CARTRIDGE. REMOVED OLD TRIM CARTRIDGE AND INSTALLED NEW UNIT P/N 15660-001. REMOVED AFT CENTER PANEL IN CABIN. REINSTALLED LH AILERON AND CHECKED TRAVEL OF LH AND RH AILERON. ADJUSTED INTERCONNECT BUNGEE IAW CIRRUS MM INSTRUCTIONS TO ACHIEVE PROPER AILERON TRAVEL. SAFETIED AND SECURED AILERON ATTACH HARDWARE. REINSTALLED WING TIP. REINSTALLED AFT CENTER PANEL IN CABIN. PERFORMED FINAL OPS CHECK OF ALL COMPONENTS. ALL OPS CHECKS SATISFACTORY.

All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. Details of the work performed can be found on file at Deblois Aerospace LLC under Company work order 2012.

Signature: \_\_\_\_\_

Lena Gafney

Certificate #: 3811092 A&P/IA

Date: 07/30/2020



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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

*AvDyne AeroServices, LLC*

MAKE: Cirrus

MODEL: SR22

SERIAL NO.: 2022

REGISTRATION NO.: N435SR

DATE: 08/07/2020

WORKORDER: 20-08-002

A/C TOTAL TIME: 1509.7

TACH TIME: 1366.0

Ailerons will not return to neutral when positioned in a right turn. Removed both ailerons and interior access panels in order to expose the entire aileron flight control system. A bolt was found jamming a pulley below the center console. Inspection behind the instrument panel and inside the center console failed to determine the source for the stray bolt. The bolt was removed, and the ailerons functioned normally. However, the pulley was damaged, and in order to replace the pulley, the flight control cables had to be slackened. The pulley was replaced with a new pulley P/N: MS20220-2 IAW Cirrus maintenance manual. Both ailerons reinstalled. Aileron and elevator control cables rigged (rudder cable tension was not disturbed) IAW Cirrus maintenance manual. Flight controls operate normally. Reinstalled access panels and crew seats IAW Cirrus maintenance manual.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 20-08-002, Date: 08/07/2020.

Signed: \_\_\_\_\_

*Wayne M. [Signature]*  
For AvDyne AeroServices LLC CRS #Y7NR985Y



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE

**AvDyne AeroServices, LLC**

MAKE: Cirrus  
MODEL: SR22  
SERIAL NO.: 2022  
REGISTRATION NO.: N435SR

DATE: 11/20/2020  
WORKORDER: 20-11-013  
A/C TOTAL TIME: 1533.0  
TACH TIME: 1382.8

1. Replaced defective flap switch with new flap switch P/N: 50336-002, op checked good IAW Cirrus maintenance manual.
2. Complied with AD 2020-19-06, amend 39-21248 date Nov. 3, 2020, inspection of McCauley prop governor. Found prop governor exempt IAW AMOC# 7K0-20-14781. Governor installed May 1, 2020. No maintenance performed on governor while in service.  
//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 20-11-013, Date: 11/20/2020.

Signed: \_\_\_\_\_

For AvDyne AeroServices LLC CRS #Y7NR985Y



# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

*AvDyne AeroServices, LLC*


MAKE: Cirrus  
MODEL:SR22  
SERIAL NO.:2022  
REGISTRATION NO.: N435SR

DATE: 01/18/2021  
WORKORDER: 21-01-008  
A/C TOTAL TIME: 1551.4  
TACH TIME: 1397.8

1. Pilot door hard to open. Replaced defective bottom latch P/N: 21861-001 and adjusted as required IAW Cirrus maintenance manual, op checked good.
2. Co- pilot door hard to open from outside. Adjusted door release cable as required IAW Cirrus maintenance manual, op check good.
3. Replaced pilot's broken Bose headset jack P/N: 51208-002 inside center console IAW Cirrus maintenance manual, op check good.

//////////////////////////////////////END//////////////////////////////////////

This aircraft and or component identified above was repaired and inspected in accordance with current manufacturer maintenance instructions and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 21-01-008, Date: 01/18/2021.

Signed:   
For AvDyne AeroServices LLC CRS #Y7NR985Y