

**AIRCRAFT LOG**  
**AF5-1**



# Aircraft Log TABLE OF CONTENTS

**TC # A00009CH**

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	AIRCRAFT DESCRIPTION	i
2nd SECTION	INSTALLED EQUIPMENT	1
3rd SECTION	MAJOR ALTERATIONS	3
4th SECTION	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS	5
5th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD	9
6th SECTION	ALTIMETER & STATIC SYSTEM CHECKS [FAR 91.411]	17
7th SECTION	RADIO AND ELECTRONIC CHECKS	19
8th SECTION	MAINTENANCE RECORD [FAR 43.9]	29
9th SECTION	INSPECTION RECORD [FAR 43.11-91.409]	43

Aero Products Corporation

Copyright 1975 All Rights Reserved

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp. MODEL SR-22 DATE OF MFG. October, 2005

SERIAL NUMBER 22-1625 REGISTRATION NUMBER N540CD

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

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







## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]



## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]



# AIRWORTHINESS DIRECTIVE /FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

[illegible]



# ALTIMETER & STATIC SYSTEM CHECKS

## THE AVIATION DEPOT

3808 W. Grand River  
Howell, Michigan 48855  
(517) 552-8770

### MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 16248 Date: 10-2-07

☐ O/H ☐ Repaired ☒ F/T  
☐ Removed Serviceable ☐ Rebuilt

☒ CAT TO 20K FT

Unit PFD DISPLAY

Mfg. AVIONICS

P/N 15222-002

Model — S/N 20437345

Owner AV CENTER

N# N 540CD

Tech. —

Insp. By [Signature]

UNITED BY: [Signature]

WO#: 16248

ALTITUDE	READING
8,000	+40
10,000	+40
12,000	X
15,000	
18,000	
20,000	
22,000	
25,000	X
30,000	
35,000	
40,000	
45,000	
50,000	X
53,000	
55,000	
40%	+5
50%	+5
EFFECT	+5

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

altimeter and static system tests required by 14 CFR 43.411 have been performed.

tested on 10/2/07  
SPOT to 20K ft.

EPOT  
K

transponder was tested and inspected on 12/1/09 and bound to comply with 91.413 Appendix F. Automatic altitude reporting equipment tested and calibrated on 10/12/07 in compliance with 14 CFR 43.411. Appendix E, Paragraph (C) to 20K ft. Order Number: 16975

re [Signature]  
THE AVIATION DEPOT  
TFGR831K

that the altimeter and static system tests required by 14 CFR 43.411 have been performed.

altimeter was tested on 10/12/09  
by AV DEPOT to 20K ft.

Signature [Signature]  
THE AVIATION DEPOT  
C.R.S. TFGR831K

#2  
AT

#1 PFD



TFGR831K

**THE AVIATION DEPOT**

3808 W. Grand River  
Howell, Michigan 48855  
(517) 552-8770

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 16975 Date: 10-12-09

☐ O/H ☐ Repaired ☒ F/T  
☐ Removed Serviceable ☐ Rebuilt  
☒ CC7 TO 20KF7

Unit PFD

Mfg. AVIDYNE

P/N 15222-002

Model — S/N 20434345

Owner AV CENTER

N# N540CD

Tech. —

Insp. By BA

BY: BCC

WO#: 16975

S

UDE	READING
8,000	+5
0,000	+5
2,000	X
5,000	
0,000	
5,000	
0,000	
5,000	
0,000	
3000	
5000	
40%	0
50%	0
FECT	0

#1 PFD

**CHECKS**

NEXT CHECK  
DUE

CHECKED BY: —  
SIGNATURE — CERT. NO.



TFGR831K

**THE AVIATION DEPOT**

3808 W. Grand River  
Howell, Michigan 48855  
(517) 552-8770

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 17665 Date: 10-25-11

☐ O/H ☐ Repaired ☒ F/T  
☐ Removed Serviceable ☐ Rebuilt

☒ WRT TO 20KFT

Unit PFD

Mfg. AVIONICS

P/N 15222-002

Model — S/N 20434345

Owner AV CONTROL

N# N540CD

Tech. —

Insp. By JB

BY: JB  
WO#: 17665  
S

UDE	READING
8,000	+5
0,000	+5
2,000	X
5,000	
0,000	
5,000	
0,000	
5,000	
0,000	
5,000	
0,000	
5,000	
40%	0
50%	0
EFFECT	0

**CHECKS**

NEXT CHECK DUE — CHECKED BY: —  
SIGNATURE — CERT. NO. —

the altimeter and static system tests required by FAR 91.413 have been performed.

was tested on 10-1-25-11  
DEPOT to 20K ft.

ON DEPOT

831K

N540CD

S034  
M7

Altimeter was tested and inspected on 11 and bound to comply with 91.413 Appendix F. Automatic altitude reporting equipment calibrated on 10-1-25-11 in compliance with 13. Appendix E, Paragraph (C) to 20K ft. Number: 17665

DEPOT

1K

I certify that the altimeter and static system tests required by FAR 91.411 have been performed.

The altimeter was tested on 10-1-25-11  
by AV DEPOT to 20K ft.

Signature JB

THE AVIATION DEPOT  
C.R.S. TFGR831K

N540CD

PFD



I certify that the altimeter and ~~static system~~ tests required by FAR 91.411 have been performed.

The altimeter was tested on 10 / 25 / 11

by AV DEPOT to 20K ft.

Signature

THE AVIATION DEPOT  
C.R.S. TFGR831K

NS40CD

5034  
AL7

The ATC transponder was tested and inspected on 10 / 25 / 11 and bound to comply with 91.413

Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 10 / 25 / 11 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft.

Work Order Number: 17465

Signature

THE AVIATION DEPOT  
C.R.S. TFGR831K

I certify that the altimeter and static system tests required by FAR 91.411 have been performed.

The altimeter was tested on 10 / 25 / 11

by AV DEPOT to 20K ft.

Signature

THE AVIATION DEPOT  
C.R.S. TFGR831K


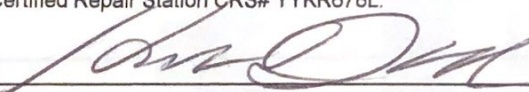


NS40CD

PFD



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	MAKE: Cirrus MODEL: SR22 G2 S/N: 1625 REG. NO: 540CD WORK ORDER: 00855	 <b>Kim Davidson Aviation, Inc.</b> Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)	DATE: 11/30/2005 A/C TSN: 100.8 HOBBS: 100.8	AGENCY & CERTIFICATE NO. MED/RETURNED TO SERVICE
	<b>Airframe Entries</b> I certify that this aircraft has been inspected in accordance with with a 100hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...I certify that this propeller has been inspected in accordance with with a 100hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION. Prop TT 100.8 hobbs....&...Researched All AD's through Bi-weekly issue 2005-24. All AD's are in compliance at this time....&...Removed and replaced Alternate Air Bracket with new....&...Drilled out and installed new tie down ring on LH wing....&...Replaced non-skid on RH wing step with new....&...Filed Prop			
	<b>Maintenance Release</b> The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.			
	DATE: 11/30/2005	SIGNED:  Kim Davidson Certified Repair Station No. YYKR678L	Work Order: 00855	
			Printed by EBis 3 (datcomedia.com)	
	<b>MAKE: Cirrus MODEL: SR22 G2 S/N: 1625 REG. NO: 540CD WORK ORDER: 00976</b>			
	 <b>Kim Davidson Aviation, Inc.</b> Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)			
	DATE: 1/11/2006 A/C TSN: 147.7 HOBBS: 147.7			
	<b>Airframe Entries</b> I certify that this aircraft has been inspected in accordance with with a 150hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION.			
	<b>Maintenance Release</b> The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.			
	DATE: 1/11/2006	SIGNED:  Kim Davidson Certified Repair Station No. YYKR678L	Work Order: 00976	
			Printed by EBis 3 (datcomedia.com)	



MAKE: Cirrus  
MODEL: SR22 G2  
S/N: 1625  
REG. NO: 540CD  
WORK ORDER: 01080



### Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0892)

DATE: 2/16/2006  
A/C TSN: 198.9  
HOBBS: 198.9

### Airframe Entries

I certify that this aircraft has been inspected in accordance with with a 200hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION....&...I certify that this propeller has been inspected in accordance with with a 200hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION. Prop TT 198.9...&...C/W SB 22-25-17 Crew Seat Break-Over Pin Replacement...&...C/W SB 22-28-04 R1 Fuel Line Chafing...&...C/W SB22-32-14 MLG Fairing Mod Inspection Hole...&...Topped off TKS fluid w/ approx. (1) Qt....&...Made a patch plate and riveted over crack on FWD Baffle @ #5 Cyl.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L

DATE: 2/16/2006

SIGNED:

Work Order: 01080

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G2  
S/N: 1625  
REG. NO: 540CD  
WORK ORDER: 01217



### Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0892)

DATE: 3/30/2006  
A/C TSN: 250.5  
HOBBS: 250.5

### Airframe Entries

I certify that this aircraft has been inspected in accordance with with a 250hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION....&...I certify that this propeller has been inspected in accordance with with a 250hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION....&...R&R alternate air bracket w/new....&...(Annual Due 9-2007) (FAR 91.411 Due 9-2007) (FAR 91.413 Due 9-2007) (ELT FAR Due 9-2007) (ELT Battery Due 3-2012) (Engine TT 250.5) (Prop TT 250.5)

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L

DATE: 3/30/2006

SIGNED:

Work Order: 01217

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

WORK



DATE: 5/2/2006  
A/C TSN: 301.2  
HOBBS: 301.2

I certify that this aircraft has been inspected in accordance with with a 300hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...I certify that this propeller has been inspected in accordance with with a 300hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION. (Prop TT 301.2)...&...R&R Induction Duct Assembly w/new...&...R&R LH & RH Brake Pads w/new

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

Printed by EBis 3 (datcomedia.com)

**DESCRIPTION OF  
OR APPROV**

DATE: 6/7/2006  
A/C TSN: 349.6  
HOBBS: 349.6

I certify that this aircraft has been inspected in accordance with with a 350hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...I certify that this propeller has been inspected in accordance with with a 350hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION. Prop TT \_\_\_&...Adjusted governor for 2700 RPM.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L

Printed by EBis 3 (datcomedia.com)



MAKE: Cirrus  
MODEL SR22  
S/N 1625  
REG. NO: 540CD  
WORK ORDER:  
6888-07-2006



## Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

DATE 7/18/2006  
A/C TSN 407 5  
HOBBS 407 5

### Airframe Entries

(4) Performed aircraft annual inspection IAW cirrus mm chapter 5-20 and 5-30.... (7) Researched ADs through bi-weekly issue 2006-13, all ADs are in compliance at this time.... (21) Serviced aircraft primary battery IAW cirrus mm chapter 24-30.... (22) Lubricated flap actuation motor IAW cirrus mm chapter 12-20.... (23) C/W S B 2X-52-04 Cabin Door Strut Modification by installing kit P/N 70168-001 IAW S B 2X-52-04 instructions .... (24) After inspection of induction duct assembly, S B 2X-71-12R1 has been previously complied with by other agency, no further action required.... (26) Removed and replaced battery #2 with new, P/N 50979-001 IAW cirrus mm chapter 24-30, operational check good .... (28) Replaced L/H main landing gear tire and tube P/N 14075-004 and 14076-002 IAW CDC AMM 32-41.... (29) Replaced R/H main landing gear tire and tube P/N 14075-004 and 14076-002 IAW CDC AMM 32-41 .... (30) Cleaned and inspected R/H landing gear brake line, no visible damage, no flat wear areas, removed chaf area from fairing spacer to stop chafing IAW standard maintenance practices.... (31) Cleaned and inspected L/H landing gear brake line, no visible damage, no flat wear areas, removed chaf area from fairing spacer to stop chafing IAW standard maintenance practices .... (32) Replaced main landing gear fairing bracket P/N 17205-001 IAW CDC AMM 32-42.... (33) Replaced R/H main landing gear fairing bracket P/N 17205-002 IAW CDC AMM 32-42 .... (34) Replaced brake O-rings P/N 101-34500 on L/H brake master cylinder IAW CDC AMM 32-42 .... (35) Replaced o-rings in brake master cylinder R/H gear P/N 101-34500 IAW CDC AMM 32-42.... (36) Bled brakes IAW CDC AMM 32-42 .... (37) Replaced nose gear puck stack rebound bumper IAW CDC AMM 32-20 .... (38) Removed nose wheel fork assy, cleaned reassembled with new hard ware IAW CDC AMM 32-20.... (40) Replaced L/H wingroot lower surface fairing tape IAW CDC AMM 53-50.... (41) Left wing access panels in flap cove middle of flap chafing, trimmed and adjusted panels IAW standard maintenance practices.... (42) Performed rig inspection of aileron system, rig and operational check of aileron system meets specifications. Work performed IAW cirrus mm chapter 27-10.... (43) Replaced foil tape on left wing end rib. Done IAW standard maintenance practice.... (44) Main landing gear R/H mushroom fairing installed missing wellnuts IAW CDC AMM 32-10.... (45) Removed & replaced rubber grommets @ VOR antenna w/ new P/N MS35489-135 IAW CDC MM 35-50 & standard maintenance practices.... (46) Removed & replaced Foil tape @ lightening hole on top of vertical stabilizer IAW standard maintenance practices.... (48) Adjusted rigging of pilot door latching mechanisms IAW cirrus mm chapter 52-10, operational check good .... (49) Buffed out scratches on passenger and aft windows IAW standard maintenance practices.... (50) Center bolster trim gap, adjusted panel IAW CDC AMM 25-10 .... (51) Cleaned pilots and co-pilots seat belt shoulder harness IAW standard maintenance practices .... (52) Torqued NLG assembly attach bolts IAW cirrus mm chapter 32-20.... (53) Secured engine cowl seals on upper and lower engine cowl IAW A.M.M. chapter 71-10.... (54) Replaced landing light lens and support ring P/N 20179-001 and 17299-001 IAW CDC AMM 33-40 .... (55) Replaced R/H FWD engine baffle with new, (p/n 15487-001), and R/H cylinder baffle with new, (p/n 15471-001), IAW CDC AMM chap. 71.... (56) Replaced Springs for Exhaust Tail-Pipe Support with 4 ea New P/N 51381-101 IAW CDC SR-22 AMM 78-20.... (57) Stop drilled crack in L/H lower spinner baffle IAW standard maintenance practices. .... (59) Provided clearance between exhaust heat exchanger fresh air intake duct and wire bundle IAW standard maintenance practices .... (60) CHT SENSOR connector covered with heat shielding L/H engine monitoring harness IAW CDC AMM 77-20.... (61) Lubricated engine controls IAW cirrus mm chapter 12-20 .... (62) Replaced pulled rivet R/H aft baffle IAW standard maintenance practice.... (64) Installed correct screw in L/H forward inboard engine baffle IAW



IN SERVICE

OR APPROVED DATA USED

WORK PERFORMED/RETURNED TO SERVICE

standard maintenance practices. (66) Installed missing screw in exhaust heat exchanger shroud IAW CDC AMM 78-20 (68) Removed PFD P/N 15222-002 S/N 20434345 and installed a PFD P/N 15222-004S S/N 24752085 IAW AMM chapter 34-15. Pitot static leak check completed IAW AMM chapter 34-10 Magnetometer calibration completed IAW AMM chapter 34-10 Functional check satisfactory. (69) Updated MFD to software revision 6.1 IAW Avidyne SB 601-00004-030 Rev 02a MFD functional check satisfactory. (70) Updated Avidyne MFD and Garmin 430s navigational data bases IAW MFGs instructions. (71) CDC test pilot performed post annual test flight and auto-pilot calibration, pilot reports satisfactory results. (72) I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in 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 repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 7/18/2006

SIGNED:

Casey Komarek  
Certified Repair Station No. YD5R855Y

Work Order: 6888-07-200

Printed by EBis 3 (datcomedia.com)

END

MAKE: Cirrus  
MODEL: SR22  
S/N 1625  
REG NO 540CD  
WORK ORDER  
6955-07-2006

**Cirrus Design Factory Service Center**

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 7/24/2006  
A/C TSN 408 9  
HOBBS 408 9

**Airframe Entries**

(1) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 and standard maintenance practices. (5) Replaced RH and LH fuel filler placards with new p/n(15648-003) IAW CDC AMM CH 11-20. (6) Replaced RH and LH aileron gap seals with new p/n(14390-002) IAW CDC AMM CH 57-50. (9) Replaced top RH and LH wing tip screws with new p/n(MS24694-S53) IAW CDC AMM CH 57-20. (16) Removed and replaced left and right anti-skid step pads, IAW Cirrus AMM 20-30, and Standard Maintenance Practices. (17) Removed and replaced left and right side flap anti-chaff tape, IAW Cirrus AMM 57-50. (18) Removed flap motor and reinstalled original flap motor IAW AMM chapter 27-50. Functional 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: 7/24/2006

SIGNED:

Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 6955-07-2006

Printed by EBis 3 (datcomedia.com)



# MAINTENANCE RECORD

## F.A.R. 43.9

SECTION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
---------	-----------------------------	--	---

MAKE Cirrus  
MODEL SR22  
S/N 22-1625  
REG NO 540CD  
WORK ORDER  
7063-08-2006

### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218- 788-3101

DATE 8/3/2006  
A/C TSN 409 7  
HOBBS 409 7

### Airframe Entries

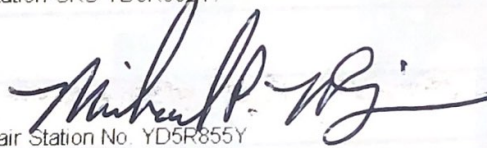
(1) Replaced pilots door upper rod end P/N ML34-14M. Done IAW CDC AMM 52-10 and standard maintenance practices.... (2) Applied caulk around left hand and right hand tie down rings I.A.W. A.M.M. chapter 51-20.... (3) Replaced landing light lens. Done IAW CDC AMM 33-40 and standard maintenance practices.... (4) Resecure left outboard side of left wingroot fairing. Done IAW CDC AMM 53-50.... (5) Repaired paint on L/H wing I/B T/E IAW CDC AMM CH 51-20.... (6) Repaired paint on L/H wing O/B L/E by wing to wing tip seam IAW CDC AMM CH 51-20.... (7) Replaced pilots survivor post P/N 15050-103 Done IAW CDC AMM 25-10 standard maintenance practices.

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: 8/3/2006

SIGNED:

Mike McGinn  
Certified Repair Station No. YD5R855Y



Work Order: 7063-08-2006

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22  
S/N 22-1625  
REG NO 540CD  
WORK ORDER:  
7086-08-2006



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3101

DATE 8/7/2006  
A/C TSN 421  
HOBBS 421

### Airframe Entries

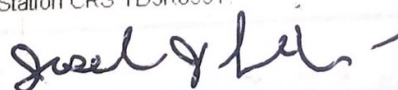
(1) Removed System 55x autopilot programmer P/N 13560-002 S/N 0535-8739 and installed P/N 13560-002s S/N 0419-6929 IAW AMM 22-11. Functional check satisfactory.... (2) Removed and replaced #4 CHT P/N 14880-001 I.A.W. A.M.M. chapter 77-20.... (3) Removed GNS 430 #2 P/N 12718-051 S/N 97129233, and installed P/N 12718-051S S/N 97128937 IAW AMM 34-40, Functional check satisfactory.... (4) Flight Test performed by CDC Test Pilot. Flight Test 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: 8/7/2006

SIGNED:

Joseph Sullivan  
Certified Repair Station No. YD5R855Y



Work Order: 7086-08-2006

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
22-06	440.9	REPLACED FLAP ANTI-CITRAFE TAPE.	FOR L9PA971N.
		LAPEER AVIATION, INC.	
		F.A.A. Approved Repair Station No. L9PA971N	
		DuPont Lapeer Airport, Lapeer, Michigan 48446	

### Engine Log Book Entry

Date: 12-14-2006

Engine Time:

Installed the TAS100 preheater system, S/N 39232 in accordance with Tanis Aircraft Services instructions and drawing NO TAS100

Name:

*Timothy J. Ely*

A & P#:

373869232



# MAINTENANCE RECORD

## F.A.R. 43.9

DA  
COM



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

NO.  
TOS

**February 27, 2007**

**N540CD**

**459.4 Hobbs**

**Airframe**

Removed and resealed fuel tank mid access panel RW10 I.A.W. Cirrus Maintenance manual chapter 57-30, leak check ok.

Mark C. Roisen  
506742944 A&P

*Mark C. Roisen*



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**23 May 2007**

**N540CD**

**479.1 Hobbs**

**Airframe**

**479.1 ATT**

C/W SB A2X-95-10 R1 CAPS Pick-up Collar Support Replacement Kit PN 70181-001 installed. C/W SB 2X-95-09 CAPS Strap Abrasion Sheath Kit PN 70142-001 installed. C/W SB 2X-27-14 Rudder-Aileron Interconnect Modification Kit 70187-001.

Ross A. Schmidt  
365584077 A&P

*Ross A. Schmidt*





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 28 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**17 August 2007**

**N540CD  
Aircraft**

**507.4 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 15 April 07. Installed new airfilter element BA-24. Repacked all wheel bearings & lubed gear. Replaced one each bearing 08125 and cup 08231 on nose wheel. All three wheels balanced. Replaced lower cowling Rubber seals PN 20660-004 & 20665-002. C/W FAR 91.207(d) ELT inspection, **due again by 31 August 08**, battery replacement **due by March 2012**. Replaced TKS fluid filter PN 15165-009.

C/W SB2X-24-06 DC Generation Wiring and Alternator Inspection, Installed kit PN 70162-001 & Inspected / Checked - wire routing I/AW par. (E).

C/W SB2X-27-14 R2 Flight Controls Rudder-Aileron Interconnect Modification by removing extra washers.

C/W SB2X-52-07 R1 Cabin Door Rod End Replacement by installing service kit PN 70186-001.

C/W SB2X-71-14 R1 Power Plant R/H Front Baffle Repair by installing kit 70113-001.

**AD2006-07-06** (05/11/2006 To detect, correct and prevent damage to the fuel line and wire) P/CW on 16 February 2006 by **SB 2X-28-04 R1**.

**AD2006-19-10** (10/24/2006 To prevent the crew seats from folding forward during emergency landing) P/CW on 16 February 2006 by **SB 2X-25-17**, and no further action required to **SB 2X-25-17 R1**.

**AD2006-21-03** (11/17/2006 Prevent overheating damage to the brake caliper piston O-ring seals) P/CW on 16 February 06 at 341.9 Hobbs I/AW **SB2X-32-14R1**. **Next due, Anytime you have the Temp. stickers turn black.**

**AD2007-14-03** (08/16/2007 To Correct Pick-up Collar Support Fasteners of the CAPS) P/CW **SBA2X-95-10 R1** CAPS Pick-up Collar Support Replacement kit PN 70181-002 installed on 23 May 2007 at 479.1 Hobbs.

*I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.*

Ross A. Schmidt  
365584077 IA





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 16 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**22 April 2008**

**N540CD**  
**Airframe**

**526.2 Hobbs**

**C/W SB2X-27-14R3** Flight Controls Rudder-Aileron Interconnect Modification by Kit 70197-001 installed and rigged controls per revision 3.

**C/W SB2X-52-07R4** Passenger and Crew Doors Cabin Doors Cabin Door Rod End Replacement, Installed Kit 70186-005 in its entirety.

**AD2008-06-28** (03/13/2008 Avidyne PFD) Inspected PN 700-0006-000 R-35, N/A by SN 24752085 installed.

Ross A. Schmidt  
365584077 A&P





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**4 September 2008**

**N540CD  
Aircraft**

**542.2 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 30 May 08. Installed new air filter element BA-24 and replaced rod 14626-002. Repacked all wheel bearings & lubed gear. C/W FAR 91.207(d) ELT inspection, **due again by 30 September 09**, battery replacement **due by March 2012**. Alternate air shroud bracket replaced 18293-001. Performed 24 month Magnetometer Calibration check. #2 Batteries both replaced 50979-001.

**C/W SB2X-34-22R1** Flight Environmental Data/Pitot-Static Systems Static Line Sump. Removed old system and installed kit 70164-002, performed static leak check. Check good.

**AD2007-26-09** (01/30/2008 Failure of the propeller blade from fatigue cracks) N/A, all blades S/N start with "K".

**AD2008-03-16** (03/11/2008 To prevent the possibility of jamming of the rudder-aileron) P/C/W **SBA2X-27-14R3** on 22 April 2008 at 526.2 Hobbs.

**AD2008-13-28** (07/17/2008 To prevent failure of the propeller hub) N/A, not left-hand rotating propeller.

**AD2008-14-13** (08/14/2008 To prevent in-flight failure of the cabin door) P/C/W **SBA2X-52-07R4** on 22 April 2008 at 526.2 Hobbs.

*I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.*

Ross A. Schmidt  
365584077 IA





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**6 November 2009**

**N540CD  
Aircraft**

**578.7 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 27 April 2009. C/W FAR 91.207(d) ELT inspection, **due again by 30 November 2010**, battery replacement **due by 31 March 2012**. Replaced ELT remote switch battery, next replacement date Oct 2013. Installed new air filter element BA-24. Repacked all wheel bearings & lubed gear. All eight brake linings 066-10500 replaced. #1 Battery G243, new unit SN G02469410 and #2 Batteries 50979-001 both replaced. TKS filter 908-1 replaced. Fuel gasolator stat-o-seal NAS1523-813 replaced. Installed Precise Flight, Inc. Oxygen System I/AW STC SA01708SE, FAA form 337 submitted. Installed new Logic module 14610-002.

**CW SB2X-05-01** Overhaul and Replacement Schedule- Brake Assembly O-Ring Replacement Interval, Installed Kit 70227-002.

**CW AD2006-21-03** (11/17/2006 Prevent overheating damage to the brake caliper piston O-ring seals) Replaced right brake caliper O-ring 101-34500.

**AD2009-05-05** (04/03/2009 To Prevent Certain Conditions From Existing When PFD's Display) N/A, per Avidyne SB 601-00006-096, SN20434345.

**AD2009-16-03** (09/09/2009 To prevent the separation of the cylinder head) N/A, no Superior Air Parts cylinders installed.

**AD2009-24-52** (Upon Recript, To address rapid wear on the face of hydraulic lifters) N/A, Engine built before June 19, 2009 and no hydraulic lifters replaced.

**AD2009-26-01** (12/21/2009 To Detect and Correct Anti-ice Fluid Distribution Lines) N/A, Aircraft not approved for flight into known icing.

*I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.*

Mark Roisen  
506742944 IA





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 24 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**11 August 2010**

**N540CD  
Aircraft**

**601.1 Hobbs**

#2 CHT probe 14880-001 removed and replaced. #1 Current sensor 14604-001 removed and replaced.  
Operational check good.

Ross A. Schmidt  
365584077 A&P

42



# 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
08 OCT 05	5.1 HRS	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Thomas Althaus      Date <u>08 OCT 2005</u></p> <p>Signature: <u>Thomas Althaus</u></p> <p>Title: Production Flight Test Pilot</p>
10-10-05	5.1	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>10 / 10 / 2005</u>.</p> <p>The next inspection is due <u>10 / 31 / 2006</u>.</p> <p><u>Jeffrey K. Holter</u></p> <p>Jeffrey K. Holter DMIR410073CE</p>



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

DATE



www.maydayavionics.com

5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920

DATE	10-20-10	S.O.	50936
MAKE	Cirrus	N#	N540CD
MODEL	SR22	S/N	1625
HOBBS	607.0		

/ICE

Removed the S-TEC 55X Autopilot Computer.

1. Approving National Aviation Authority/Country: FAA/United States		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 9012148	
4. Organization Name and Address: Avdyne Corporation, 710 North Drive Melbourne FL 32934 (Phone 321 751 8411 Fax 321 751 8435)						5. Work Order/Contract/Invoice Number: 5012148	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Primary Flight Display	700-00006-000	N/A	1	24752085	See block 13	
13. Remarks:							
1. Modified in accordance with Repair manual 600-00126-004rev02 sections 1-11, and PMM Temporary Revision Sheet 605-00128-000rev10. FAA A.D. 2008-06-28 may apply with full details held within Returned Material Authorization 9012148. 2. Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that order the component is considered ready for release to service under EASA 145.6138. 3. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 and 630-00129-000rev23 in accordance with 14 CFR 91.411.							
14. Certifies the items identified above were manufactured in conformity to:				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13			
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
				 Richard Stichter		1VAR161B	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				Richard Stichter		Oct/18/2010	

FAA form 337 dated 10-19-10 legible and the Equipment

factory modified "Release 8" per Bulletin # 601-00006-103, 0, dated 7-29-10.

operation and to ensure no adverse effect in accordance with current FAA return to service.

FOR FAA QRS YXXR387Y

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

When the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 34 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**9 December 2010**

**N540CD  
Aircraft**

**609.6 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 15 June 2010. C/W FAR 91.207(d) ELT inspection, **due again by 31 December 2011**, battery replacement **due by 31 March 2012**. Installed new air filter element BA-24. GNS 430W, PN 011-01060-40, SN 97129722 was removed, modified and reinstalled. Removed PFD PN 700-00006-000, SN 24752085 and installed 22597135, programmed unit to aircraft. Removed and replaced right wing strobe assembly 36-0050705-00. De-fueled aircraft and removed both outboard fuel tank panels, cleaned sealant and resealed panels, refuel aircraft. Performed 24 month Magnetometer Calibration check. Updated POH to Rev. A9.

C/W SB2X-25-19 Cabin Inflatable Restraint Harness Inspection, Left seat N/A due to no sky watch box or vent fan, Inspected right seat and found previously complied with.

SB2X-27-16 Flap Actuator Modification, Installed Kit 70231-001.

SB2X-32-19R2 (Nose Landing Gear Assembly Inspection and Reinforcement) Installed kit 70238-001.  
No cracks noted. **Next inspection due by 709.6 Hobbs.**

SB2X-34-22R2 Flight Environmental Data/Pitot-Static Systems Static Line Sump, No further action due to R1 being C/W on 4 September 2008 at 542.2 Hobbs.

SB2X-34-24R1 Dependent Position Determining WAAS Antenna Installation on PFD Equipped Aircraft, Installed Kit 70190-001.

SB2X-95-09R1 CAPS Strap Abrasion Inspection, No further action due to original being C/W on 23 May 2007 at 479.1 Hobbs.

SB2X-95-10R2 CAPS Pick-up Collar Support Replacement, No further action due to R1 being C/W on 23 May 2007 at 479.1 Hobbs.

SB2X-95-12 CAPS CMM Line Cutters Rigging Illustration Error, N/A, no line cutter replacement to this date.

C/W AD2010-11-04 (06/16/2010 To prevent excessive hydraulic lifter wear) N/A, Engine built before June 19, 2009 and no hydraulic lifters replaced.

*I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.*

Mark Roisen  
506742944 IA



## FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST3

Serial No. 4C3-421006 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 8 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm)

Starter Installed on N 540 CD by Ross A. Schmitt  
(Aircraft) (Mechanic)

28 JAN. 2011  
(Date of Installation)

Ross A. Schmitt  
365584044 AIP  
(A&P No.)

Form CC1108-1



1.A.R. 75.11-71.407

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

**TORNADO ALLEY TURBO INC.**  
**300 AIRPORT RD**  
**ADA, OK 74820**

# AIRFRAME LOG BOOK ENTRY

16 MARCH 2011



N540CD CIRRUS SR22-G2 SN: 1625 ACFT TT: 618.9 ACFT HOBBS: 618.9  
 TCM IO-550-N SN: 917865 ENG TT: 618.9 ENG TSMOH: N/A

INSTALLATION OF CIRRUS **TURBO NORMALIZING** SYSTEM KIT SERIAL NUMBER **A1027**, COVERED UNDER STC **SA10588SC** AND STC **SE10589SC**, IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS REPORT **215-9 REV B** DATED 1 APR 2008 AND MASTER DRAWING LIST **ETI-G2-1 REV F**. SEE FLIGHT MANUAL SUPPLEMENT FOR OPERATION AND CONTINUED AIRWORTHINESS.

INSTALLED NEW **TURBO** PART NUMBER **466304-3** SERIAL NUMBER **NCL00088** ON THE RIGHT SIDE.

INSTALLED NEW **TURBO** PART NUMBER **466304-3** SERIAL NUMBER **LHL00068** ON THE LEFT SIDE.

INSTALLED NEW **WASTEGATE VALVE** PART NUMBER **477233-0003** SERIAL NUMBER **INK79-0005** ON THE RIGHT SIDE. INSTALLED NEW **WASTEGATE ASSEMBLY** PART NUMBER **470842-0004** SERIAL NUMBER **NBN00118** ON THE LEFT SIDE.

INSTALLED NEW MANIFOLD PRESSURE **CONTROLLER** PART NUMBER **470688-5** SERIAL NUMBER **MIN00113**.

INSTALLED NEW PRESSURE **RELIEF VALVE** PART NUMBER **470944-17** SERIAL NUMBER **MAN00118**.

INSTALLATION INCLUDES THE INSTALLATION OF A K&N INDUCTION **AIR FILTER** PART NUMBER **30-2022** AND MUST BE SREVICED ANNUALLY IN ACCORDANCE WITH K&N INSTRUCTIONS.

INSTALLATION INCLUDES THE ADDITION OF AN ALTERNATE **AIR DOOR** ASSEMBLY MAGNETICALLY OPERATED AND WITH "DOOR OPEN" INDICATOR ON THE INSTRUMENT PANEL.

INSTALLATION INCLUDES A **TIT PROBE** ON THE RIGHT SIDE OF THE ENGINE AND IS READ ON THE MFD.

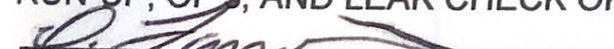
INSTALLATION INCLUDES A **MAGNETO PRESSURIZATION** KIT FOR ALTITUDE OPERATION. THE FILTER REPLACEMENT IS DUE ANNAULLY.

REPLACED LEFT AND RIGHT REAR BAFFLE ASSEMBLIES, LEFT AND RIGHT SIDE TRAY BAFFLES AND INCLUDED A MODIFIED #2 BAFFLE AND MODIFIED INNER CYLINDER BAFFLES.

MODIFIED EXISTING MANIFOLD PRESSURE AND FUEL FLOW GAGE FOR HIGHER FULE FLOW RED LINE.

ALL SUPPORITNG DOCUMENTS ARE KEPT ON FILE AT THIS FACILITY.

RUN-UP, OP's, AND LEAK CHECK OK.

  
 DAVID R LANDRETH A&P 2651512 IA



TORNADO ALLEY TURBO INC.  
300 AIRPORT RD  
ADA, OK 74820

AIRFRAME LOG BOOK ENTRY

16 FEB 2011

TORNADO ALLEY TURBO, INC.



N540CD CIRRUS SR22-G2 SN: 1625 ACFT TT: 618.9 ACFT HOBBS: 618.9  
TCM IO-550-N SN: 917865 ENG TT: 618.9 ENG TSMOH: N/A

COMPLIED WITH TAT SB 10-01 BY INSPECTION, NO OTHER REQUIREMENT NEEDED.  
COMPLIED WITH TAT SB 10-02 BY INSTALLING NEW PARTS, NO OTHER REQUIREMENT NEEDED.  
COMPLIED WITH TAT SB 08-02 BY INSTALLING NEW PARTS, NO OTHER REQUIREMENT NEEDED.  
COMPLIED WITH HET SA 10-14 BY CONFIRMING NOT APPLICABLE, NO OTHER REQUIREMENT NEEDED.  
CIRRUS SA 09-07 (TAT SB 09-01) EXHAUST MANIFOLD INSPECTION IS DUE AT INITIAL 25 HOURS OF OPERATION  
AND THERE AFTER AT EVERY 50 HOURS OF OPERATION.  
CIRRUS SA 09-08 (TAT SI 08-01 REV A) CRANKCASE DRAIN TUBE CLEANOUT IS DUE AT AFTER EVERY 50 HOURS  
OF OPERATION.  
CIRRUS SA 10-01, CHECK VALVE AND HOSE CHAFING INSPECTION SHOULD BE PERFORMED EVERY 50 HOURS  
OF OPERATION.  
TAT SI 08-05 REV A, INDUCTION AIR FILTER SERVICE DUE AT ANNUAL OR EVERY 100 HOURS.  
TAT SI 08-04, CABIN HEATER PRESSURE TEST IS REQUIRED EVERY 24 MONTHS.  
RUN-UP, OP's, AND LEAK CHECK OK.

  
DAVID R LANDRETH A&P 2651512 IA





ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 24 YEARS

ANN ARBOR, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**1 February 2012**

**N540CD  
Aircraft**

**647.7 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 31 May 2011. Replaced ELT Duracell batteries. C/W FAR 91.207(d) ELT inspection, **due again by 28 February 2013**, next battery replacement **due by 31 March 2017**. Installed new air filter element BA-24. Right magneto removed, re-timed internally and reinstalled. Repacked wheel bearing and lubed gear. Six nose gear pucks 13386-001 and bumper 13703-001 replaced. TKS filter 26115-101, o-rings 15164-092 replaced and bled. Removed and replaced prop TKS feed tube 22-7250002. Removed and replaced Cartridge Actuated Cutters, 25347-002, Model C1-8 seconds, Lot 1 RRL 0711, 26707-001 Rev. B, S/N 1772 and 1793. Next replacement due by **07/2017**. Removed and replaced #2 Batteries 50979-001. Drained TKS, fuel, weighted Aircraft and new Weight & Balance issued.

C/W SB2X-24-09 (Electrical Load Distribution – TVS Fuse Installation) Installed fuse 50961-001, fuse holder 50960-001.

C/W SB2X-27-16R2 (Flap Actuator Modification) Installed Kit 70255-001.

SB2X-32-19R2 (Nose Landing Gear Assembly Inspection and Reinforcement) Installed kit 70238-001. No cracks noted. **Next inspection due by 709.6 Hobbs.**

C/W SB2X-74-01 (Distribution – Fine Wire Spark Plugs Replacement) N/A, has massive electrode plugs installed.

AD2011-25-51 (12/28/2011 To address Fractures in Starter Adapter Shaft Gears) N/A by starter adapter 642085A15 installed.

*I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition.*

Mark Roisen  
506742944 IA

*Mark Roisen*





ANN ARBOR  
**Aviation Center Inc.**  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**1 March 2013**

**N540CD  
Aircraft**

**668.5 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 1 January 2012. C/W FAR 91.207(d) ELT inspection, **due again by 31 March 2014**, next battery replacement **due by 31 March 2017**. Cleaned and serviced K&N air filter element. Repacked wheel bearing and lubed gear. Installed one each nose gear spacer 20583-01 in puck stack. Removed and replaced EMA Controller AAIR, PN 20902-001, SNA16Jan13-139 **next due Jan. 2020**. Removed and replaced Manifold/Fuel flow gauge with repaired unit TAT 22-8850000, SN 035. Removed MFD 700-00004-008, SN20109315 and replaced with repaired unit SN 20880055. Removed roll trim motor assembly and installed overhauled exchanged unit 12546-003-OH-E, SN H1237/1024. Removed Turn Coordinator and replaced with new unit 6405-8-28L, SN J07-10640. Replaced O-rings 0X020210 in CPC connector assembly on the front two only breathing mask (Aft masks missing). 24 Month magnetometer calibration performed. Serviced TKS and oxygen to max. ICA for Precise Flight complied with by complete visual, operational and replacement inspection per 102NMAN0003 Rev.E, dated 10 March 2010.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5. ICA for TAT Exhaust system complied with by complete visual and operational inspection per 22-6460004 Rev.C, dated 22 September 2011.

C/W TAT SB09-01 (Inspection of exhaust manifolds) Inspected turbo mount flanges for cracks. Next inspection **due by 718.5 Hobbs**.

C/W TAT SI08-01 Rev. A (Cleaning of the Discharge tube) Removed oil breather tube from tailpipe and cleaned. Next inspection **due by 718.5 Hobbs**.

C/W TAT SB10-01 (Alternate air door hinge inspection) Inspected alternate air door hinge. Next inspection **due by 31 March 2014**.

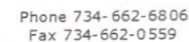
C/W TAT SI08-05 (Air filter inspection and cleaning) Inspected air filter and re-oiled. Re-oil filter **by 768.5 Hobbs or 31 March 2014 or sooner if operated in extreme dusty conditions**. **Replace air filter every 25 cleanings or sooner**.

C/W TAT SI08-04 (Inspecting and testing Cabin Heat Augmenter/Tailpipe assemble for cracks) Inspected and pressure tested. Next check **due by 768.5 Hobbs**.

Continued on next page.



*Mark Rouse*



*Russel Schmidt*

[illegible]



F.A.R. 43.11-91.409

DATE

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

ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

15 August 2013

N540CD  
Aircraft

672.0 Hobbs

Removed right TCM magneto S6RSC-25P, 10-500556-101, SN D06KA173. Reinstalled repaired magneto  
timed and operational check good.

Mark Roisen  
506742944 A&P

*Mark Roisen*

The ATC transponder was tested and inspected on  
10 / 25 / 13 and bound to comply with 91.413

Part 43. Appendix F. Automatic altitude reporting equipment  
was tested and calibrated on 10 / 25 / 13 in compliance  
of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft.

Work Order Number: 18541

Signature *[Signature]*

TOP FLIGHT AVIONICS

C.R.S. TFGR831K

I certify that the altimeter and static system tests required by  
FAR 91.411 have been performed.

The altimeter was tested on 10 / 25 / 13

by AV DEPOT to 20K ft.

Signature *[Signature]*

TOP FLIGHT AVIONICS

C.R.S. TFGR831K

I certify that the altimeter and static system tests required by  
FAR 91.411 have been performed.

The altimeter was tested on 10 / 25 / 13  
by AV DEPOT to 20K ft.

Signature *[Signature]*

TOP FLIGHT AVIONICS

C.R.S. TFGR831K

5784





ANN ARBOR  
**Aviation Center Inc.**  
GETTING PILOTS INTO THE AIR FOR OVER 16 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

SERVICE

7 April 2014

**N540CD**  
**Aircraft**

**699.5 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR22 Scheduled Inspection Report dated 1 January 2012. C/W FAR 91.207(d) ELT inspection, **due again by 31 April 2015**, next battery replacement **due by 31 March 2017**. Replaced #2 batteries with new, PN:50979-001 Due by April 2016, replaced TKS filter with new PN:26115-101 due again by March of 2016. Readjust rudder interconnect per cirrus AMM sec 27-20 page 35/36. Removed oxygen bottle and sent to SPEARS fire safety for hydrostatic testing due again my April of 2019, bottle passed and was reinstalled in to aircraft. Regulator was sent to precise flight for rebuild. And reinstalled into aircraft. Filled oxygen system to full, operation check showed good.

ICA for Precise flight oxygen system C/W by visual and operational inspection IAW doc# 102nman0003 REV F. no defects of the system were found. addressed several leaking B-nuts on the TKS pump and proportioning valve. Replaced 3 seal rings PN:15164-092, leak check good. Found one short well nut on both main gear needed replaced, replaced a total of 2 short well nuts PN 50803-001.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5.

ICA for TAT Exhaust system complied with by complete visual and operational inspection per 22-6460004 Rev. C, dated 22 September 2011.

C/W TAT SB09-01 (Inspection of exhaust manifolds) Inspected turbo mount flanges for cracks. Next inspection **due by 749.5 Hobbs**.

C/W TAT SI08-01 Rev. A (Cleaning of the Discharge tube) Removed oil breather tube from tailpipe and cleaned. Next inspection **due by 749.5 Hobbs**.

C/W TAT SB10-01 (Alternate air door hinge inspection) Inspected alternate air door hinge. Next inspection **due by 749.5 hobbs**

C/W TAT SI08-05 (Air filter inspection and cleaning) Inspected air filter and re-oiled. Re-oil filter **by 799.5 Hobbs or 31 March 2015 or sooner if operated in extreme dusty conditions. Replace air filter every 25 cleanings or sooner.**

C/W TAT SI08-04 (Inspecting and testing Cabin Heat Augmenter/Tailpipe assemble for cracks) Inspected and pressure tested. Next check **due by 799.5 Hobbs. Or April 30 2015**

Continued on next page.



# 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
------	-----------------------------	---

Continued from previous page.

CW TAT SB11-03 (Turbo support bracket inspection) all support brackets were satisfactory due by April 2015

CW TAT SB10-2 (tail pipe hangers) no cracks were found. **Replacement due when part is removed or cracks are found.**

CW TAT SB11-04 (turbo inlet oil screen cleaning) removed both left and right screans and cleaned. **Due by March 31 2015 or 25 hours after replacing a cylinder or engine**

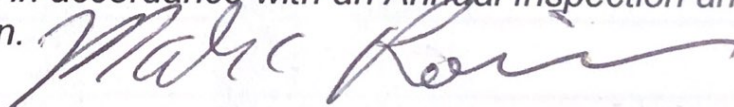
CW SB 2X-27-17 (Electric Flap relay modification) installed relay PN29409-001

CW SB2X-32-19R3 (Nose Landing Gear Assembly Inspection) Inspected, No cracks noted. **Next inspection due by 799.5 Hobbs Or annual.**

CW SB2x-27-16R2 (flap modification) wording change on page 5, item: (S) NFAR  
AD 93-05-06 (Bendix ignition switch) **not Due till 2000.0 hobbs**

**\*\*\* NOTE\*\*\* SB2x-95-18R1 Due at CAPS rocket motor assemble Replacement (due 08/15)**

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.



Mark Roisen  
506742944 IA



# F.A.R. 43.11-91.409

DATE

4/1/15

*[Signature]*

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."

PFD Make: **Avidyne** Model: **EXP-5000** S/N: **22597135**

Stby Make: **United** Model: **5934D-3** S/N: **448679**

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

Altitude reporting system has been tested to: **25,000** 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: **Garmin** Model: **GTX-327** S/N: **83721506**

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

W.O.#: **29842-03-2015** Date: **4-1-2015**


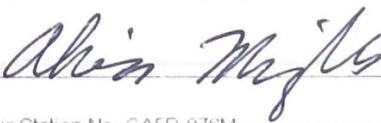
Signed:

*[Signature]*



# 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
		<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p>MAKE: Cirrus MODEL: SR22 S/N: 1625 REG: NO N540CD WORK ORDER: 29842-03-2015</p> </div> <div style="width: 30%; text-align: center;">  <p><b>Commander Aero, Inc.</b> Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 4/3/2015 A/C TSN: 730.5 HOBBS: 730.5</p> </div> </div> <p><b>Airframe Entries</b></p> <p>(2) Complied with Annual re license.... (3) Complied with 100 Hour Airframe Inspection.... (7) Installed new Pilots side step pad ...            (16) Reattached Trim on pilots inside door panel.... (17) Serviced Oxygen system.... (20) SB2X-95-18R1 Caps Rocket            MotorAssembly Replacement, Installed packed parachute assembly P/N 25574-004-REB S/N 01298R1, Expires 3/17/2025 Installed            caps rocket motor P/N 29554-001 S/N 0949 Expires 3/04/2025... (21) Complied with SB A2X-95-13 (CAPS Strap inspection and            Grommet Installation.... (25) Stop drilled crack in left aft engine baffling.... (26) Replaced TKS edge sealant on both wing leading            edges and horizontal stab.... (28) Installed new CAPS placards on top of fuselage, P/N12430-001.... (29) Reattached trim on pilots            bolster panel around altimeter.... (30) Re Secured loose upholstery/trim around left and right rear side windows.... (31) Installed            Grab here placard on right bolster panel.... (32) Installed new Rudder aileron interconnect shock cord P/N 12983 - 001, Operational            checked satisfactory.... (33) Installed spiral wrap on brake hoses to stop chafing against wheel pants.... (34) Re secured headliner            front near windshield.... (35) Re secured Pilots door trim around window.... (37) Resecured Trim material around aft seat belt....            (38) Installed new push to open placards on cabin doors.... (42) Performed Two Year Magnetometer Calibration Check per Cirrus            SR22 Aircraft Inspection Program, Item 50. Updated Compass Correction Card placed in aircraft.... (44) Complied with Cirrus            Mandatory SB 2X-32-19 R3 Nose Landing Gear Assembly Inspection and Reinforcement... (46) Complied with FAR Part 91.207 on            ELT.... (48) Checked Airworthiness Directives and Mandatory Service Bulletins.</p> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on N540CD 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. 29842-03-2015.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div>DATE: 4/3/2015</div> <div>             SIGNED:               Minzler, Alvin              Certified Repair Station No. GA5R-876M           </div> <div style="text-align: right;">             Work Order: 29842-03-2015              Printed by EBis 3 (datcomedia.com)           </div> </div> <p style="text-align: center; margin-top: 10px;">1 of 1</p>



MAKE CITUS  
MODEL SP22  
S/N 1625  
REG NO N540CD  
WORK ORDER:  
29878-05-2015



**Commander Aero, Inc.**

Repair Station No. GA5R-876M  
10570 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 888-831-5580

DATE 5/12/2015  
A/C TSN: 730-5  
HOBBG 730-5

## Airframe Entries

(1) Installed new Pilot and Copilots seat inflator assys,AAIR P/N 20902-002 Exp Date 03/2025.

Maintenance Release

The aircraft and/or component(s) on N540CD 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. 29878-05-2015.

DATE: 5/12/2015

SIGNED:

Alvin Mings

Minzler, Alvin  
Certified Repair Station No. GA5R-876M

Work Order: 29878-05-2015

Printed by EBis 3 (datamedia.com)

[illegible]



# INSPECTION RECORD



**LEMAC AVIATION, LLC**  
4550 EAST MCKELLIPS ROAD, SUITE 101  
MESA, ARIZONA 85215

SERVICE #: 1215  
DATE: 3/3/16  
REGISTRATION: N366DM

MAKE: **CIRRUS** MODEL: **SR22** SERIAL: **1625**

HOBBS: **774.6**

## AIRFRAME LOG

- Inspected aircraft IAW Cirrus AMM 05-20 and FAR 43 Appx D.
- Inspected ELT IAW FAR 91.207(D), batteries due: 03/2017.
- Replaced molex connectors on engine RH baffle for tach, fuel flow and manifold with CPC connector. Removed molex connector for oil pressure transducer and installed Raychems.
- Removed GPS 2 and sent to Garmin for repair. Installed after repair under RMA 85649835, see attached 8130.
- Tightened mounting screws for elevator trim servo.
- Cleaned, inspected and repacked all wheel bearings.
- Complied with CDC SB 2X-28-12R1, fuel pump ok, installed POH temporary revision 15-27.
- Verified no new AD's apply through 3-3-16.

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

MATTHEW EVJEN 3168041 A&P IA



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

Flite Instruments and Avionics  
2310 S. Airport Blvd Ste 11  
Chandler AZ 85286

CS # 6FIR926C

480-516-0308

Reg.#	A/C Make	Model	S/N	Tach/hobb
N 366DW	CIRRUS	SR22	1625	806

I certify that the Static and transponder tests, including data correspondence, required by § 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F. . Altitude 28000 ft

Date 10/10/17 Work performed by [Signature]

Inspected by [Signature]

Work Order # 7419



# INSPECTION RECORD



LEMAC AVIATION, LLC

4550 EAST MCKELLIPS ROAD, SUITE 101  
MESA, ARIZONA 85215

SERVICE #: 1396

DATE: 4/10/17

REGISTRATION: N366DM

MAKE: CIRRUS

MODEL: SR22

SERIAL: 1625

HOBBS: 805.6

## AIRFRAME LOG

- Inspected aircraft IAW Cirrus AMM 05-20 and FAR 43 Appx D.
- Inspected ELT IAW FAR 91.207(D), batteries due: 04/2019.
- Cleaned, inspected and repacked all wheel bearings.
- Replaced main wheel upper fairing brackets pn: 13522-001 on right and left sides.
- AD 2016-16-12 does not apply as no ECI cylinders are installed.
- AD 2016-21-04 does not apply per serial number of engine.
- All AD's verified complied through 4-10-2017.

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

MATTHEW EVJEN 3168041 A&P IA

N366DM

Phillips burg Airport LLC

Airframe LOG

DATE 04/20/20 16

Hobbs 845

MAKE Cirrus

Model SR22

TACH

S/N 1625

1. Removed decals, buffed and blended white paint. Repainted stripes on tail & rudder of airframe. Check rudder for balance.

All installations and repairs where done I/A/W manufactures installation instructions. This aircraft is approved for return to service. A/P302846501 Brad Helman



N366DM  
HOBBS:813.4  
AFTT: 813.4



CIRRUS  
SR22  
S/N 1625  
11/26/18

1. COMPLIED WITH ANNUAL INSPECTION PER 14 CFR 43 APPENDIX D USING CIRRUS SR22 INSPECTION CHECKLIST.
2. TESTED AND INSPECTED ELT PER FAR 91.207 PARA D. **BATT DUE APRIL 2019.**
3. JACKED AIRCRAFT AND PACKED WHEEL BEARINGS.
4. CHECKED FLIGHT CONTROL CABLE TENSIONS AND LUBED PULLEYS AND FLIGHT CONTROLS.
5. SERVICE AND INSPECT PRECISE FLIGHT OXYGEN SYSTEM PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.
6. REPLACED **#2 BATTERIES** AND OPS CHECK GOOD. NEXT DUE NOV 2020.
7. COMPLIED WITH 6 YEAR REPLACEMENT OF CAPS REEFING LINE CUTTERS. NEXT DUE NOV 2024.
8. COMPLIED WITH **SB2X-52-08R2** CABIN DOOR GAS STRUT ROD END REPLACEMENT AND CATCHER/DIVERTER.
9. COMPLIED WITH **SB2X-95-24R1** CAPS ROCKET SHELF GROUND WIRE INSTALLATION.
10. REPLACED ALT 1 CURRENT SENSOR. OPS CHECK GOOD.

ALL WORK PERFORMED REFERENCED TO CIRRUS SR22 AMM AND CIRRUS CAPS MM. I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

MARK TORGERSON

AP3207874IA



# INSPECTION RECORD

MAKE: CIRRUS  
MODEL: SR 22  
S/N: 1265  
REG. NO: N366DM  
WORK ORDER: 31668



APR Aviation, Inc.

Repair Station No. CP3R431L  
5041 E. Andersen Ave  
Fresno, California 93727 USA  
Phone: 800-982-8466

DATE: 8/22/2019  
A/C TSN: 836.4  
HOBBS: 836.4

FOR SERVICE

## Airframe Entries

(3) Static system was tested in accordance with FAR 91.411. Performance was found to be in accordance with FAR 43 Appendix E to an altitude of 20,000. Tested transponder system in this aircraft in accordance with FAR 91.413. Performance was found to be in accordance with FAR 43 Appendix F.----(4) Placarded oxygen system to not be serviced, due to hydrostatic test past due.----(7) Replaced aircraft battery #1 P/N RG24-11M S/N 40549752 with new battery S/N 41034152. Op checks good.----(8) Replaced ACK ELT remote switch battery----(9) C/W FAR 91.207 (d) ELT insp. Replaced ELT batteries and performed operational check of unit. All checks good, batteries due for Replacement 8/2020----(30) Replaced cabin fire extinguisher with new extinguisher.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 8/22/2019

SIGNED:

Stephen Denney  
Certified Repair Station No. CP3R431L

Work Order: 31668

Printed by EBis 3 (datcomedia.com)





# INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

an AeroMech company

4151 Centerline Lane

Sanford, FL 32773

CRS# 6A5R818B

Aircraft Registration: N366DM

Aircraft Hobbs Meter: 876.8

Aircraft Serial Number: 1625

Aircraft Make: Cirrus SR22

This Log Book Entry records the installation of an Automatic Dependent Surveillance-Broadcast OUT (ADS-B OUT) system. The system was installed using Garmin AML STC SA01714WI issued May 1, 2013, amended Sept 9, 2019.

## Installed Units

GTX335 P/N 011-03306-40

## Removed Units

GTX 327 P/N 011-00490-00

## Serial Number Items Installed

3EE424983

## Serial Number Items Removed

83721506

The ADS-B Out transmitter is compliant with FAA TSO C 154c or later, or TSO C166b or later.

The position sensor is compliant with FAA TSO-C129 or later, TSO-C145a/C146a or later, or TSO-CI 96 or later.

A satisfactory ground test of the ADS-B OUT system was completed using a DPS 450 S/N 50500279, Calibration due date: 9/24/2020 and IFR 6000 S/N 2000000589, calibration due 7/29/2020. The ground test checked for proper configuration and the equipment performance requirements in accordance with Garmin Install Manual, P/N 190-00734-10. The installed ADS-B OUT system has been shown to meet the equipment requirements of 14 CFR 91.227.

The appropriate airplane flight manual supplement (AFMS) P/N 190-00734-15, Rev 4, has been inserted into the flight manual/pilot's manual.

The instructions for continued airworthiness (ICA) for the ADS-B OUT system are identified in Garmin Maintenance Manual P/N 190-00734-11 dated 9-9-2019. The ICA has been provided to the aircraft owner/operator for incorporation into the aircraft maintenance program.

Updated GNS 430W main software to 5.3 in accordance with Garmin Service Bulletin No. 1606 Rev B and updated GPS software to 5.0 in accordance with Garmin Service Bulletin No. 1317.

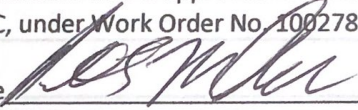
Transponder tests required by 14 CFR § 91.413 have been completed and found to comply with part 43, appendix

F. All requirements passed. Testing was done using IFR 6000, S/N 2000000589, calibration due 7/29/2020.



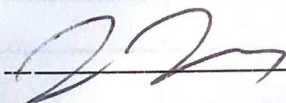
## INSPECTION RECORD

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
		<p>The Weight and Balance was negligible, not required.</p> <p>The Aircraft or Component identified above was repaired and/or inspected using current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Details of work performed are on file at AMI Aviation Services, LLC, under Work Order No. 100278.</p> <p>Authorized Signature  Date: 12/06/2019</p> <p>REMOVED SHIPS O2 BOTTLE FOR HYDROSTATIC TESTING. NEXT DUE OCT 2024. REINSTALLED. SERVICED O2 TESTED AND INSPECTED PRECISE FLIGHT OXYGEN SYSTEM PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. CLEARED STALL WARNING PLUMBING. REPLACED R/H NAV. BULB W/1290-28. REPLACED PILOTS PUSH TO TALK SWITCH P/N 50339-001. INSTALLED NEW RIGHT HAND WHEEL PANT BRACKET P/N 13522-001 Walter Balch ATP 3651706</p>

# 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
	Cirrus N366DM	Ser: 1625
	Hobbs: 876.8	ACTT: 876.8
	12/14/2019	
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION PER THE SCOPE AND DETAIL OF FAR 43-13 APPENDIX D AND FOUND TO BE IN AIRWORTHY CONDITION. TESTED AND INSPECTED ELT PER FAR 91.207 (D), OPS CHECK OK. BATT DUE: AUG 2020 INSPECTED AND REPACKED WHEEL BEARINGS. CHECKED FLIGHT CONTROL CABLE TENSIONS AND LUBED PULLEYS AND FLIGHT CONTROLS. SERVICED AND INSPECTED PRECISE FLIGHT OXYGEN SYSTEM PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. SERVICED AND INSPECTED TORNADO ALLEY TURBO INSTALLATION PER INSTRUCTION FOR CONTINUED AIRWORTHINESS. ALL APPLICABLE AIRWORTHINESS DIRECTIVES ARE IN COMPLIANCE AT THIS TIME. SEE AD LOG FOR DATES AND TIMES OF COMPLIANCE AND RECURRENCE. <b>AIRCRAFT APPROVED FOR RETURN TO SERVICE.</b>	
	 JOSEPH LAMIROULT AP3222642IA	



# 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
7/31/2020		REMOVED AND REPLACED 4/H+4/H MAIN TIRES WITH NEW
HOBBS:	916.5	GOODYEAR FLIGHT CUSTOM III 15.X6.0-6 PLY P/N 156E66-4
ACTT:	916.5	4/H S/N 91362258 4/H S/N 91372191. WHEELS AND BEARINGS
		CLEANED, INSPECTED AND GREASED. TUBES INSPECTED AND TIRE
		PRESSURES SET. BRAKE CALIPERS REMOVED DISASSEMBLED, CLEANED,
		INSPECTED, BORES AND PUCKS HONED AND POLISHED. CALIPERS
		REASSEMBLED USING NEW MS28775-222 O RINGS. BRAKE SYSTEM BLEED.
		RESERVOIR SERVICED WITH MIL 5606 HYD. FLUID. ALL 8 BRAKE PADS
		WERE REPLACED WITH CLEVELAND P/N 66-105 LININGS. ALL WORK
		DONE IN ACCORDANCE WITH CIRRUS MAINTANANCE INFO. REPLACED
		ACK ELT BATTERIES WITH NEW DURACELL MN1300 MAR 2027
		COMPLIED WITH FAR 91.207 D ELT TEST/INSPECTION BATTERY DUE
		REPLACEMENT AUG. 2022.
		Walter R. A/P 3651706



# 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
2/16/2021		PERFORMED 100 HR INSPECTION AND SERVICING, REFERENCING CIRRUS
HOBBS:	939.3	M.M. CHAPTER'S S-20 5-30, SERVICED AND INSPECTED PRECISE FLIGHT
		OXYGEN SYSTEM PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.
ACT:	939.3	SERVICED AND INSPECTED TORNADO ALLEY TURBO SYSTEM INSTALLATION
		PER TORNADO ALLEY INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.
		INSPECTED GARMINGTX 33S PER GARMIN INSTRUCTIONS FOR CONTINUED
		AIRWORTHINESS. TESTED AND INSPECTED ELT PER FAR 91.207(D) WITH NO
		DEFECTS NOTED. BATTERY DUE AUG 2022. CLEANED AND SERVICED K+N
		AIR FILTER ELEMENT PER MFG. ICA. REPAIRED R/H TURBO SHROUD.
		Walter Rabe ATP 3651706
		Date <u>2/16/2021</u> Hobbs / Tach <u>939.3</u> TT <u>939.3</u>
		I certify that this aircraft has been inspected I.A.W with an ANNUAL
		inspection per the scope and detail of FAR 43 Appendix "D" and
		found to be in airworthy condition. See attached AD sheet
		for compliance and due dates and times.
		This airframe is approved for return to service.
		



# INSPECTION RECORD

## F.A.R. 43.11-91.409

[illegible]

# 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																																																																																																																																																																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Altitude</th> <th>Scale Error</th> <th>Tol ±</th> <th>Friction ±</th> <th colspan="2">Case Leak 18,000' <u>0</u> ± 100'</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>0</td> <td>20</td> <td>~</td> <td colspan="2">Hysteresis ±75'</td> </tr> <tr> <td>0</td> <td>0</td> <td>20</td> <td>~</td> <td colspan="2">Altitude</td> </tr> <tr> <td>500</td> <td>0</td> <td>20</td> <td>~</td> <td>40%</td> <td>8000 <u>5</u></td> </tr> <tr> <td>1000</td> <td>0</td> <td>20</td> <td><u>20</u> 70</td> <td>50%</td> <td>10000 <u>5</u></td> </tr> <tr> <td>1500</td> <td>0</td> <td>25</td> <td>~</td> <td colspan="2">After Effect <u>20</u> ±30'</td> </tr> <tr> <td>2000</td> <td><u>+10</u></td> <td>30</td> <td><u>20</u> 70</td> <td colspan="2">Barometric Scale Difference</td> </tr> <tr> <td>3000</td> <td>0</td> <td>30</td> <td><u>20</u> 70</td> <td>28.10</td> <td><u>-1730</u> -1727</td> </tr> <tr> <td>4000</td> <td>0</td> <td>35</td> <td>~</td> <td>28.50</td> <td><u>-1340</u> -1340</td> </tr> <tr> <td>5000</td> <td>~</td> <td>~</td> <td><u>30</u> 70</td> <td>29.00</td> <td><u>-865</u> -863</td> </tr> <tr> <td>6000</td> <td><u>-15</u></td> <td>40</td> <td>~</td> <td>29.50</td> <td><u>-395</u> -392</td> </tr> <tr> <td>8000</td> <td><u>-10</u></td> <td>60</td> <td>~</td> <td>29.92</td> <td><u>0</u> 0</td> </tr> <tr> <td>10000</td> <td><u>-10</u></td> <td>80</td> <td><u>50</u> 80</td> <td>30.50</td> <td><u>530</u> 531</td> </tr> <tr> <td>12000</td> <td>0</td> <td>90</td> <td>~</td> <td>30.90</td> <td><u>895</u> 893</td> </tr> <tr> <td>14000</td> <td>0</td> <td>100</td> <td>~</td> <td>30.99</td> <td><u>975</u> 974</td> </tr> <tr> <td>15000</td> <td>~</td> <td>~</td> <td><u>50</u> 90</td> <td colspan="2">Altimeter S/N</td> </tr> <tr> <td>16000</td> <td>0</td> <td>110</td> <td>~</td> <td colspan="2"><u>448679</u></td> </tr> <tr> <td>18000</td> <td><u>+10</u></td> <td>120</td> <td>~</td> <td>Make</td> <td>Model/ Part #</td> </tr> <tr> <td>20000</td> <td>0</td> <td>130</td> <td><u>40</u> 100</td> <td colspan="2"><u>UNITED 5935D-3</u></td> </tr> <tr> <td>22000</td> <td></td> <td>140</td> <td>~</td> <td colspan="2">Master Altimeter P/N &amp; S/N</td> </tr> <tr> <td>25000</td> <td></td> <td>155</td> <td>120</td> <td colspan="2">124-00006/418254</td> </tr> <tr> <td>30000</td> <td></td> <td>180</td> <td>140</td> <td colspan="2">Date Tested</td> </tr> <tr> <td>35000</td> <td></td> <td>205</td> <td>160</td> <td colspan="2"><u>9-3-21</u></td> </tr> <tr> <td>40000</td> <td></td> <td>230</td> <td>180</td> <td colspan="2">Technician</td> </tr> <tr> <td>45000</td> <td></td> <td>255</td> <td>~</td> <td colspan="2"></td> </tr> <tr> <td>50000</td> <td></td> <td>280</td> <td>250</td> <td colspan="2">Certificate # <u>JL5R476X</u></td> </tr> </tbody> </table>						Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' <u>0</u> ± 100'		-1000	0	20	~	Hysteresis ±75'		0	0	20	~	Altitude		500	0	20	~	40%	8000 <u>5</u>	1000	0	20	<u>20</u> 70	50%	10000 <u>5</u>	1500	0	25	~	After Effect <u>20</u> ±30'		2000	<u>+10</u>	30	<u>20</u> 70	Barometric Scale Difference		3000	0	30	<u>20</u> 70	28.10	<u>-1730</u> -1727	4000	0	35	~	28.50	<u>-1340</u> -1340	5000	~	~	<u>30</u> 70	29.00	<u>-865</u> -863	6000	<u>-15</u>	40	~	29.50	<u>-395</u> -392	8000	<u>-10</u>	60	~	29.92	<u>0</u> 0	10000	<u>-10</u>	80	<u>50</u> 80	30.50	<u>530</u> 531	12000	0	90	~	30.90	<u>895</u> 893	14000	0	100	~	30.99	<u>975</u> 974	15000	~	~	<u>50</u> 90	Altimeter S/N		16000	0	110	~	<u>448679</u>		18000	<u>+10</u>	120	~	Make	Model/ Part #	20000	0	130	<u>40</u> 100	<u>UNITED 5935D-3</u>		22000		140	~	Master Altimeter P/N & S/N		25000		155	120	124-00006/418254		30000		180	140	Date Tested		35000		205	160	<u>9-3-21</u>		40000		230	180	Technician		45000		255	~			50000		280	250	Certificate # <u>JL5R476X</u>	
Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' <u>0</u> ± 100'																																																																																																																																																															
-1000	0	20	~	Hysteresis ±75'																																																																																																																																																															
0	0	20	~	Altitude																																																																																																																																																															
500	0	20	~	40%	8000 <u>5</u>																																																																																																																																																														
1000	0	20	<u>20</u> 70	50%	10000 <u>5</u>																																																																																																																																																														
1500	0	25	~	After Effect <u>20</u> ±30'																																																																																																																																																															
2000	<u>+10</u>	30	<u>20</u> 70	Barometric Scale Difference																																																																																																																																																															
3000	0	30	<u>20</u> 70	28.10	<u>-1730</u> -1727																																																																																																																																																														
4000	0	35	~	28.50	<u>-1340</u> -1340																																																																																																																																																														
5000	~	~	<u>30</u> 70	29.00	<u>-865</u> -863																																																																																																																																																														
6000	<u>-15</u>	40	~	29.50	<u>-395</u> -392																																																																																																																																																														
8000	<u>-10</u>	60	~	29.92	<u>0</u> 0																																																																																																																																																														
10000	<u>-10</u>	80	<u>50</u> 80	30.50	<u>530</u> 531																																																																																																																																																														
12000	0	90	~	30.90	<u>895</u> 893																																																																																																																																																														
14000	0	100	~	30.99	<u>975</u> 974																																																																																																																																																														
15000	~	~	<u>50</u> 90	Altimeter S/N																																																																																																																																																															
16000	0	110	~	<u>448679</u>																																																																																																																																																															
18000	<u>+10</u>	120	~	Make	Model/ Part #																																																																																																																																																														
20000	0	130	<u>40</u> 100	<u>UNITED 5935D-3</u>																																																																																																																																																															
22000		140	~	Master Altimeter P/N & S/N																																																																																																																																																															
25000		155	120	124-00006/418254																																																																																																																																																															
30000		180	140	Date Tested																																																																																																																																																															
35000		205	160	<u>9-3-21</u>																																																																																																																																																															
40000		230	180	Technician																																																																																																																																																															
45000		255	~																																																																																																																																																																
50000		280	250	Certificate # <u>JL5R476X</u>																																																																																																																																																															
		<p>The tests required by FAR 91.411, 91.413, &amp; 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), &amp; (c) and appendix F.</p> <p>W.O. # <u>A3447</u> Tested to <u>20K</u> feet</p> <p>Altimeter Model <u>5934D-3</u> s/n <u>448679</u></p> <p>Air Data Computer <u>700-00006-000</u> s/n <u>22597135</u></p> <p>Transponder <u>GTX335</u> s/n <u>3EE424983</u></p> <p>Altitude Reporter <u>A-30</u> s/n <u>97529</u></p> <p>Static System (pilot) <u>OK</u> (co-pilot) <u>OK</u></p> <p>Signed _____ Date <u>9-3-21</u></p> <p>Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X</p>																																																																																																																																																																	
		<p>Tested in compliance with FAA FAR 43 Appendix E</p> <p>Calibrated to <u>20K</u> Ft. W.O. # <u>R3447</u></p> <p>Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X</p> <p>386-767-6763</p>																																																																																																																																																																	



# 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
3/4/2022		PERFORMED SERVICING AND LUBRICATION TASKS REFERENCING CIRRUS
HOBBS :	987.9	SR22 MM. CHAPTER'S 5-20 5-30 SERVICED AND INSPECTED PRECISE
ACTT :	987.9	FLIGHT OXYGEN SYSTEM PER INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
		SERVICED, CLEANED FILTERS, AND INSPECTED TORNADO ALLEY TURBO SYSTEM
		INSTALLATION PER TORNADO ALLEY INSTRUCTIONS FOR CONTINUED AIR-
		WORTHINESS. INSPECTED GARMIN GTX 335 PER GARMIN INSTRUCTIONS FOR
		CONTINUED AIRWORTHINESS. TESTED AND INSPECTED EGT PER FAR 91.207
		WITH NO DEFECTS NOTED. BATTERY DUE AUG 2022. CLEANED AND SERVICED
		K+N ENGINE AIR FILTER ELEMENT PER K+N INSTRUCTIONS FOR CONTINUED
		AIRWORTHINESS. REPLACED CYLINDER #5 EGT PROBE WITH NEW P/N
		14554-001 MODIFIED EGT SENSOR. REMOVED AIR BAG ELECTRONIC MODULE
		ASSEMBLY P/N 508358-421 S/N RA24JAN22-21 FOR OVERHAUL. INSTALL
		AFTER OVERHAUL. BATTERY EXPIRATION DATE 01/27
		ALL WORK DONE IN ACCORDANCE WITH CURRENT REGULATIONS OF
		THE FEDERAL AVIATION ADMINISTRATION.
		Walter Rabe A+P 3651706



# INSPECTION RECORD

## F.A.R. 43.11-91.409

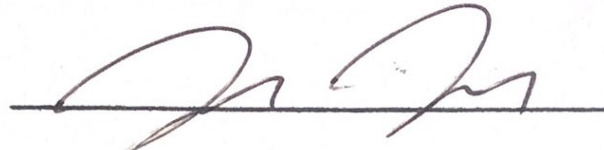
KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME  
IN SERVICE

Date 3/4/2022 Hobbs / Tach 987.9 TT 987.9

I certify that this aircraft has been inspected I.A.W with an ANNUAL inspection per the scope and detail of FAR 43 Appendix "D" and found to be in airworthy condition. See attached AD sheet for compliance and due dates and times.

This airframe is approved for return to service.



Joseph Lamiroult AP3222642IA

6/6/2022

REPLACED ENCODER A-30 S/N 97529 WITH ENCODER A-30.9

HOBBS: 1002.7

S/N 159877. ALL WORK DONE IN ACCORDANCE WITH CURRENT

ACTT: 1002.7

REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION.

266th Reg. ATP 3651706

VFR

N366DM

The tests required by FAR 91.413, & 91.217 have been performed in accordance with FAR 43 appendix F.

W.O. # RS345 Tested to 24 feet

Transponder GTX335 s/n 3EE424983

Altitude Reporter A-30.9 s/n 159877

Signed [Signature] Date 6/6/22

Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X



# 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

## Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

S/N: 1625

N366DM

Cirrus SR-22

12/16/2022

Hobbs: 1009.1

hrs.

Completed an Annual inspection in accordance with 14 CFR43 Appendix D with references to Chapter.05-20 Cirrus SR22 Maintenance Manual inspection checklist this date. Opened access provisions and inspection panels. Completed general servicing as required and lubricated airframe components per lubrication schedule. Inspected and cleaned fuel system screen. Fuel system and components checked for proper operation, no leaks noted. AD's checked thru FAA Bi Weekly 2022-25. Inspected ELT in accordance with 14CFR 91-207(d) with satisfactory results. Installed new ELT batteries expiration date: 01/2026. Installed new main battery P/N: RG24-11M S/N 41259243. Installed new batteries in #2 location. Removed parking brake valve, removed fittings, cleaned, Installed new fittings, and reinstalled parking brake valve, serviced, bled and Ops checked. Weighed fire extinguisher. Removed RH wheel fairing, performed fiberglass repair to fill enlarged outboard bolt hole IAW AC 43.13, painted, mounted to aircraft and redrilled outboard bolt hole. Jacked aircraft, Installed new nose gear shock pucks and bumper IAW Cirrus MM 32-20. Installed new door struts. Installed new TKS filter. Closed inspection panels and access provisions. Operational systems check normal. I certify this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition at this time.

*Robert Weber*  
Robert Weber A&P 3824115 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	

### Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

S/N: 1625

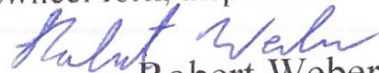
N366DM

Hobbs: 1014.2hrs.

Cirrus SR-22

12/23/2022

Jacked aircraft, removed nosewheel fork, inspected and cleaned and re-assembled with new hardware. Removed aircraft from jacks.



Robert Weber A&P 3824115 IA

### Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

S/N: 1625

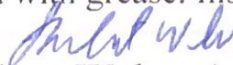
N366DM

Hobbs: 1018.7hrs.

Cirrus SR-22

12/31/2022

Fabricated and installed 2-wire battery charger connection Using Enhanced Flight kit P/N BM-AIK2A. Work performed IAW kit instructions and AC43. 13/1B. Removed nosewheel fairing to access nosewheel. Removed nosewheel and installed new 5.00-5 flight custom tire and new tube. Removed RH bearing and race and installed new bearing and race packed with grease. Installed nosewheel tire and nosewheel fairing.



Robert Weber A&P 3824115 IA



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

**N366DM**  
**Cirrus SR22**  
**S/N: 1625**


**DAYTONA**  
AIRCRAFT SERVICES 

CE  
1/13/2023  
Hobbs: 1026.0

**Performed the following maintenance:**

1. Installed a Flightstream 210 Bluetooth Transceiver (P/N: 011-03257-40; S/N: 3RE010618) in accordance with Garmin Manual #190-01700-00 Rev II.
  2. Updated the #2 GNS430 Main Software to Version 5.40 IAW Garmin Service Bulletin #1762 Rev B.
- All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #17030.

**Daytona Aircraft Services, Inc.**  
**561 Pearl Harbor Drive**  
**Daytona Beach, Florida 32114**

Authorized Signature: 

FAA CRS DYTR262K

-----END-----

**N366DM (ENGINE)**  
**Cirrus SR22**  
**S/N: 1625**

**DAYTONA**  
AIRCRAFT SERVICES 

2/07/2023  
Hobbs: 1030.0

**Performed the following maintenance:**

1. Removed the Metering Valve (P/N: 653353-8A1; S/N: A05EA308), sent to D&G Supply for overhaul under work order #43832, and reinstalled. Ran the aircraft, adjusted the idle and idle mixture. Operational checks found to be satisfactory.
  2. Removed and installed a new #4 CHT Probe (P/N: 14880-001).
- All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC11294.

**Daytona Aircraft Services, Inc.**  
**561 Pearl Harbor Drive**  
**Daytona Beach, Florida 32114**

Authorized Signature: 

FAA CRS DYTR262K

-----END-----

# Aircraft Record General Information

Manufacturer Cirrus

Model SR-22

Serial 1625

Registration Number N366DM

Date of Manufacture \_\_\_\_\_

## Engine(s) currently installed:

Manufacturer TCM

Model 10-550 E

Serial 917865

Manufacturer \_\_\_\_\_

Model \_\_\_\_\_

Serial \_\_\_\_\_

## Propeller(s) currently installed:

Manufacturer Hartzell

Model PHC J3YF 1RF

HUB Model \_\_\_\_\_

Serial \_\_\_\_\_

Serial FP4053B

Blade Model \_\_\_\_\_

Serial \_\_\_\_\_

Serial \_\_\_\_\_

Serial \_\_\_\_\_

Blade Model \_\_\_\_\_

Serial \_\_\_\_\_

Serial \_\_\_\_\_

Serial \_\_\_\_\_



## Registered Owner Record

Name Blue Skies OTC, LLC Address 2890 Grumman CT  
City Port Orange State FL From 11-30-'22 To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

YEA  
20  
DAT

N366DM  
Cirrus SR22  
S/N: 1625

**DAYTONA**  
AIRCRAFT SERVICES 

2/16/2023  
Hobbs: 1037.7

Iteration  
Number  
Specific Entry

**Performed the following maintenance:**

1. Installed a Whelen BoomBeam HID Cowl Mounted Landing Light in accordance with the Cirrus Maintenance Manual, AC 43.13-1B, and Whelen Aerospace Technologies Installation Manual #LSM-500-082 Rev V, under **STC #SA02279AT**.

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #17090.

Daytona Aircraft Services, Inc.  
561 Pearl Harbor Drive  
Daytona Beach, Florida 32114

Authorized Signature: 

FAA CRS DYTR262K

-----END-----

## Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

S/N: 1625

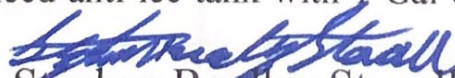
Cirrus SR-22

02/23/2023

N366DM

Hobbs: 1039.8hrs.

Removed Rudder-Aileron interconnect ICW SB2X-27-18R2, Referencing Cirrus Maintenance Manual 27-20, installed Placard kit 70693. Serviced anti-ice tank with 1 Gal of de-icing fluid. Installed Customer supplied Wheel pant defender.

  
Stephen Bradley Stovall A&P:4209605



# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3760 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

ons  
of  
es.)

Date: 4/21/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1089.70

- Tightened NLG axle bolt as required
- Tightened RH MLG wheel pant fairing as required
- R&R CHT #4 with new as required
- Adjusted prop RPM as required

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197

# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3760 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 4/27/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1096.90

- Installed dual TIT indication kit P/N AR2026-101 as requested
- Installed Cirrus wing tip light kit P/N 70702-001 as requested.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller


A&P 2700197

# FIXED WING

**Fixed Wing Aviation Maintenance**  
Lakeland Linder Regional Airport (KLAL)  
3760 Airfield Drive West Lakeland, FL 33811  
[www.fixedwingaviation.com](http://www.fixedwingaviation.com) 863-606-5757

-Installed Kelly Aerospace A/C IAW STC# SA04037CH by installing kit #KATS-14--003. WRT Installation instructions as listed on NC-14-022, revision D, dated november 19, 2015, drawing list NC-14-021, revision D, dated September 24, 2015, or later FAA approved revision.

- The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.



A&P 2700197

[illegible]



RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

### Description of Inspections, Tests, Repairs and Alterations

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

# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3760 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 11/06/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1209.60; Tach:

Airframe log book entry

-R&R Battery #1 P/N RG24-11M S/N 41259243 with new RG24-15M S/N 41317411 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonel Badiola

A&P 4175554



## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West 863-606-5757  
Lakeland FL 33811 [www.fixedwingaviation.com](http://www.fixedwingaviation.com)

Date: 12/01/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1225.70; Tach:; Total Time: 1225.70

### Airframe log book entry:

- Removed cowling, wing access panels, wing tips, landing gear fairings, and interior. Inspected wings, fuselage, and flight controls. Removed wheels, greased bearings, and reinstalled.
- Annual inspection completed WRT Cirrus AMM section 5-20.
- Complied with Tornado Alley Turbo Inc. Instructions for Continued Airworthiness document # 22-64600004 Rev C.
- Complied with Precise Flight Instructions for Continued Airworthiness document #102NMAN0003 Rev H.
- R&R fuel boost pump with overhauled P/N 5217-00-3 S/N 2147 as required.
- Verified AD compliance through bi-weekly issue 2023-24. Refer to AD note compliance record for reference to Method of Compliance.
- Battery #1 removed, inspected, serviced, charged, tested and reinstalled as required. Battery next due 11/2026.
- Removed battery box from tail of aircraft, disassembled and visually inspected for date and condition of batteries, reassembled battery box and re-installed in tail of aircraft. Batteries due for replacement 12/2024.
- R&R brake assembly O-rings with new and bled brake system as required. Next replacement due 11/2028 or on condition.
- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement 01/2026.
- Fire extinguisher inspected and found to be within manufacturers specifications. Next replacement due:08/2031
- R&R com 1 antenna with new as required.
- R&R com 2 antenna with new P/N CI-122 as required.
- R&R XM antenna with new P/N CI 420-1 with new as required.
- Rotated LH and RH main landing tires as required.
- R&R LH and RH MLG brake pads as required.
- Installed aerotect protection tape on all flap hinges as required.
- Cleaned the crankshaft flange surface corrosion and painted as required.
- R&R exhaust tail pipe ground straps with new as required.
- R&R fuel vent tygon tubing with new as required.
- Corrected RH and LH fuel cap grounding as required
- R&R multiple rivets on the RH flap.
- Corrected NW pivot force according to maintenance manual as required.
- Rebonded LH MLG cable tie down and reattached brake line as required.

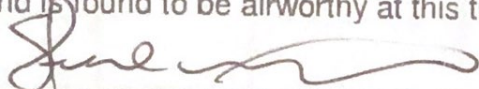


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------------	---------------------------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

- Cleaned and tightened RH pedals hydraulic line as required.
- Lubricated and checked ailerons cable tension as required.
- R&R rudder rod end with new.
- R&R LH inboard elevator hinge pin and bushing as required.
- Applied RTV to hardware on firewall as required.

-I certify this aircraft has been inspected in accordance with an annual inspection with reference to Cirrus AMM section 5-20 and is found to be airworthy at this time.

Steve Miller



A&P 2700197IA

# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

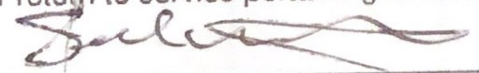
Date: 12/12/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1244.00

Airframe log book entry:

- Adjusted prop and governor as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller



A&P 2700197

# IFR CERTIFIED AVIONICS LLC

FAA CRS # 1F4R612D

3454 AIRFIELD DR. W (863) 944-4356

LAKELAND, FL. 33811 WWW.MACAV13@AOL.COM

N366DM

## ALTIMETER TEST INFORMATION TESTED IN COMPLIANCE WITH APPENDIX E, PART 43, FAA REGULATIONS ALTIMETER TESTED TO A MAXIMUM OF 20000 FEET ADC

ALTITUDE	SCALE ERROR	SCALE TOLERANCE	FRICTION ERROR	FRICTION TOLERANCE	CASE LEAK AT 18,000 FT TOLERANCE 100 FT																																							
-1000	-10	20			<b>AFTER EFFECT TEST</b> READING PRIOR TO TEST -50 FT -50 READING AFTER TEST -60 FT -60 AFTER EFFECT $\phi$ TOLERANCE 30 FT DIFF.																																							
0	0	20																																										
500	0	20																																										
1000	0	20	10	70	<b>HYSTERESIS TEST</b> <table border="1"> <thead> <tr> <th>ALTITUDE 40&amp;50% MAX</th> <th>UP READING</th> <th>DOWN READING</th> <th>TOL-ERANCE</th> </tr> </thead> <tbody> <tr> <td>8000</td> <td>0</td> <td>0</td> <td>75 FT</td> </tr> <tr> <td>12000</td> <td>0</td> <td>0</td> <td>75 FT</td> </tr> </tbody> </table>				ALTITUDE 40&50% MAX	UP READING	DOWN READING	TOL-ERANCE	8000	0	0	75 FT	12000	0	0	75 FT																								
ALTITUDE 40&50% MAX	UP READING	DOWN READING	TOL-ERANCE																																									
8000	0	0	75 FT																																									
12000	0	0	75 FT																																									
1500	-10	25																																										
2000	-10	30	10	70	<b>BAROMETRIC SCALE TEST</b> <table border="1"> <thead> <tr> <th>BARO. SETTING</th> <th>ALTITUDE SCALE READ</th> <th>ALTITUDE DIFF.</th> <th>TOL-ERANCE</th> </tr> </thead> <tbody> <tr> <td>28.10</td> <td>-1720</td> <td>-1727</td> <td>25</td> </tr> <tr> <td>28.50</td> <td>-1340</td> <td>-1340</td> <td>25</td> </tr> <tr> <td>29.00</td> <td>-860</td> <td>-863</td> <td>25</td> </tr> <tr> <td>29.50</td> <td>-390</td> <td>-392</td> <td>25</td> </tr> <tr> <td>29.92</td> <td>-</td> <td>0</td> <td>25</td> </tr> <tr> <td>30.50</td> <td>530</td> <td>531</td> <td>25</td> </tr> <tr> <td>30.90</td> <td>890</td> <td>893</td> <td>25</td> </tr> <tr> <td>30.99</td> <td>970</td> <td>974</td> <td>25</td> </tr> </tbody> </table>				BARO. SETTING	ALTITUDE SCALE READ	ALTITUDE DIFF.	TOL-ERANCE	28.10	-1720	-1727	25	28.50	-1340	-1340	25	29.00	-860	-863	25	29.50	-390	-392	25	29.92	-	0	25	30.50	530	531	25	30.90	890	893	25	30.99	970	974	25
BARO. SETTING	ALTITUDE SCALE READ	ALTITUDE DIFF.	TOL-ERANCE																																									
28.10	-1720	-1727	25																																									
28.50	-1340	-1340	25																																									
29.00	-860	-863	25																																									
29.50	-390	-392	25																																									
29.92	-	0	25																																									
30.50	530	531	25																																									
30.90	890	893	25																																									
30.99	970	974	25																																									
3000	-10	30	10	70																																								
4000	0	35																																										
5000			10	70																																								
6000	0	40																																										
8000	0	60																																										
10000	0	80	10	80																																								
12000	0	90																																										
14000	0	100																																										
15000			10	90																																								
16000	0	110																																										
18000	0	120																																										
20000	0	130	10	100																																								
22000		140																																										
25000		155		120																																								
30000		180		140																																								
35000		205		160																																								
40000		230		180																																								
45000		255																																										
50000		280		250																																								

DATE TESTED 1/11/2024  
 WORK ORDER NUM 1417  
 ALTIMETER MODEL 700-00006-00  
 ALTIMETER SERIAL NUM 22597135  
 AVIONICS TECH [Signature]  
 INSPECTOR [Signature]



YEAR 20 <u>24</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
------------------------------	---------------------------	-------------------	-----------------------------	--

11/11/2024

**IFR CERTIFIED AVIONICS** 3454 AIRFIELD DR. W  
FAA CRS# 1F4R612D LAKELAND, FL. 33811  
(863) 944-4356

I certify the altimeter, static system and altitude reporting test required by FAR 91.411 and FAR 91.43 Appendix E and F have been performed. The altimeter has been tested to 20000 ft. ADC

Signature [Signature] Date 11/11/2024

11/11/2024

**IFR CERTIFIED AVIONICS** 3454 AIRFIELD DR. W  
FAA CRS# 1F4R612D LAKELAND, FL. 33811  
(863) 944-4356

I certify the altimeter, static system and altitude reporting test required by FAR 91.411 and FAR 91.43 Appendix E and F have been performed. The altimeter has been tested to 20000 ft. #2

Signature [Signature] Date 11/11/2024

11/11/2024

**IFR CERTIFIED AVIONICS** 3454 AIRFIELD DR. W  
FAA CRS# 1F4R612D LAKELAND, FL. 33811  
(863) 944-4356

The transponder identified below was tested according to FAR 91.413 and is approved for return to service.

MFR GARMIN Model GTX335 S/N 3EE424983

Date 11/11/2024 Tech [Signature]



# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 1/23/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1279.00; Tach:; Total Time: 1279.00

Airframe log book entry:

- Adjusted NLG tire and fork tension as required.
- R&R aileron roll trim cartridge with new P/N 15660-001 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller



A&P 2700197

# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

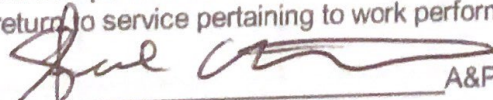
Date: 2/07/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1283.50; Total Time: 1283.50

Airframe log book entry:

- Removed PFD P/N 700-00006-000 S/N 22597135 and installed repaired PFD P/N 700-00006-000 S/N D1232 (Mod58) WRT Cirrus SR-22 AMM.
- R&R TIT switch with new updated switch as required.
- Tightened pilot side A/C duct as required.
- Pilot and Copilot carpets secured to inspection panels as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller



A&P 2700197



# FIXED WING

**Fixed Wing Aviation Maintenance**  
**Lakeland Linder Regional Airport (KLAL)**  
**3454 Airfield Drive West Lakeland, FL 33811**  
**www.fixedwingaviation.com 863-606-5757**

Airframe log book entry:

- The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197

[illegible]



RECORDING  
TACH

TODAY'S  
FLIGHT

TOTAL  
TIME IN

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of  
ries.)

wo: WO\_8299

Airframe - page 1 of 2



NexAir Avionics LLC - 246 S. Meadow Road Gate 6, Hangar SW-1 - Plymouth, MA 02360 - 508-339-7077 - CRS#:  
N4OR087B

**N366DM**

**CIRRUS DESIGN CORP, SR22, S/N: 1625**

**March 27, 2024**

TACH: 1317.2

AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GARMIN GMA 340 AUDIO PANEL (PN:011-00401-10 SN:96275053), GARMIN GNS 430W (PN:011-01060-40 SN:97129722), GNS 430W (PN:011-01060-00 SN:23421295), GARMIN GTX 335 TRANSPONDER (PN:011-03300-40 SN:3EE424983), NAV SPLITTER (PN:CI 1125 SN:5046181), BENDIX/KING KGP-560 (PN:965-1198-005 SN:4675).

AVIONICS UPGRADE TO INCLUDE THE INSTALLATION OF: GTN 750XI GPS COM/NAV # 1 (PN:011-04634-01 SN:5FR052584), GTN 650XI GPS/COM/NAV # 2 (PN:011-04631-01 SN:5FP053582), GARMIN GMA 35C AUDIO PANEL (PN:011-02299-40 SN:1T6207049), GARMIN GTX 345R TRANSPONDER (PN:011-03303-01 SN:3EH045234), COMANT NAV SPLITTER (PN:CI 5120 SN:748301), GARMIN GSB 15 USB CHARGER (PN:011-04937-20 SN:63M259391), LANDING HEIGHT ANNUNCIATOR SYSTEM (PN:LHS-200-B), INSTALLED NEW AUTO PILOT DISCONNECT SWITCH (PN: P7-371241) ON PILOT YOKE. INSTALLED NEW PUSH TO TALK SWITCHES ON PILOT AND CO-PILOT YOKES (PN:P7-371242).

THE ATC TRANSPONDER (PN:011-03303-01 SN:3EH045234) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

REMOVED FAULTY AVIDYNE MAGNETOMETER (PN:700-00011-000 SN:22819). INSTALLED SERVICE-ABLE AVIDYNE MAGNETOMETER (PN:700-00011-000 SN:23585). REMOVED FAULTY AVIDYNE PFD



## RETURN TO SERVICE

Part Number: 700-00011-000 Description: MAGNETOMETER/OAT  
Serial Number: 23585 Manufacturer: AVIDYNE

This aircraft and/or component identified above was repaired & inspected in accordance with Federal Aviation Regulations and was found airworthy and is approved for return to service. Pertinent details of the work performed are on file at this repair station.

Work Order: W7153  
Signature: B. Schulte Date: 12-21-22

Nexair Avionics  
246 S Meadow Rd  
Plymouth, MA 02360  
FAA Repair Station # N40R087B

NEXAIR  
AVIONICS

Airframe - page 2 of 2

Plymouth, MA 02360 · 508-339-7077 · CRS#:

AVIDYNE PFD (PN:700-00006-000 SN:21294414).

WITH THE CURRENT REGULATIONS OF  
APPROVED FOR RETURN TO SERVICE FOR

Schulte

## FIXED WING AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 4/19/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1335.90; Total Time: 1335.90

### Airframe log book entry:

- R&R oxygen union in headliner with new as required.
- Removed and loctited two screws on each MLG wheel pant.
- Adjusted rudder trim tab as requested.
- Checked tire pressure and filled all tires as required.
- Adjusted NLG tension to spec.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

Steve Miller A&P 2700197



NEXAIR

NexAir Avionics LLC - 246 S. Meadow Road Gate 6, Hangar SW-1 - Plymouth, MA 02360 - 508-339-7077 - CRS#: N4OR087B

(PN:700-00006-000 SN:D1232). INSTALLED OVERHAULED AVIDYNE PFD (PN:700-00006-000 SN:21294414). OPS CHECK GOOD.

NOTE WORK ORDER 8299 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

Benjamin Schultz Repair Station N4OR087B

# FIXED WING

## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 4/19/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1335.90; Total Time: 1335.90

Airframe log book entry:

- R&R oxygen union in headliner with new as required.
- Removed and loctited two screws on each MLG wheel pant.
- Adjusted rudder trim tab as requested.
- Checked tire pressure and filled all tires as required.
- Adjusted NLG tension to spec.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

  
A&P 2700197





## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 6/05/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1383.90; Total Time: 1383.90

Airframe log book entry:

- R&I wheel fairing bolts and loc-tighted as required.
- R&R pilot and co-pilot cup holders as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197



## AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance  
Lakeland Linder Regional Airport (KLAL)  
3454 Airfield Drive West Lakeland, FL 33811  
www.fixedwingaviation.com 863-606-5757

Date: 6/19/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1398.00; Total Time: 1398.00

Airframe log book entry:

- Installed new anti rub flap tape to the LH & RH flaps.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197