

Aircraft Log TABLE OF CONTENTS

TC # A00009CH

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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

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-550-W	R 917865
ENGINE			L
PROPELLER	Hartzell Propeller Inc.	PHC-334F-1RF	R
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

ITEM	MANUFACTURER	MODEL	SERIAL NO.	MAJOR ALTERATIONS	
				DATE	DESCRIPTION OF ALTERATION
ENGINE			R		
			L		
ENGINE			R		
			L		
PROPELLER					
PROPELLER					
ENGINE					
ENGINE					
PROPELLER					
PROPELLER					
ENGINE					
ENGINE					
PROPELLER					
PROPELLER					
ENGINE					
ENGINE					
PROPELLER					
PROPELLER					

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS		REMOVAL
1	2	3

[illegible]

[illegible][illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD						
A.D./BULL.	ITEM	DATE & HRS. AT COMP.	METHOD OF	TYPE OF A.D.	NEXT COMP.	AUTHORITY

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

RECORD

F.A.R. 91.411

APPROVED BY:
AGENCY CERT. NO.

PC# 338CE

STATIC SYSTEM CHECKS F.A.R. 91.411

MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
<p>The ATC transponder was tested and inspected on <u>10/21/07</u> and bound to comply with 91.413 Part 43, Appendix F. Automatic altitude reporting equipment was tested and calibrated on <u>10/21/07</u> in compliance with 91.411 FAR 43, Appendix E, Paragraph (C) to <u>20K</u> ft. Work Order Number: <u>14245</u></p>					

Signature [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 10/21/07
by THE AV DEPOT to 20K ft.
Signature [Signature]

THE AVIATION DEPOT
C.R.S. TFGR831K

#1
AVIATION

I certify that the altimeter and static system tests required by FAR 91.411 have been performed.
The altimeter was tested on 10/12/09
by AV DEPOT to 20K ft.
Signature [Signature]

THE AVIATION DEPOT
C.R.S. TFGR831K

#2
AT

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

The altimeter was tested on 10/21/07
by AV DEPOT to 20K ft.
Signature [Signature]

THE AVIATION DEPOT
C.R.S. TFGR831K

The ATC transponder was tested and inspected on 10/12/09 and bound to comply with 91.413 Part 43, Appendix F. Automatic altitude reporting equipment was tested and calibrated on 10/12/09 in compliance with 91.411 FAR 43, Appendix E, Paragraph (C) to 20K ft. Work Order Number: 16975

Signature [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 10/12/09
by AV DEPOT to 20K ft.
Signature [Signature]

THE AVIATION DEPOT
C.R.S. TFGR831K

#1 PED

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. 17465 Date: 10-25-11

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

☒ ALT TO 20K FT

Unit PFD

Mfg. AVIONICS

P/N 15222-002

Model — S/N 20434345

Owner AV CONTROL

N# N540CD

Tech. —

Insp. By JB

ALTITUDE	READING
8,000	+5
10,000	+5
12,000	X
15,000	
20,000	
25,000	
30,000	
35,000	X
40,000	
45,000	
50,000	
53000	
55000	X
40%	
50%	
EFFECT	0

CHECKS

NEXT CHECK DUE	CHECKED BY: SIGNATURE	CERT. NO.
the altimeter and static system tests required by FAR 91.411 have been performed.		
Altimeter was tested on <u>10-1-25-11</u>		
by <u>DEPOT</u>		
Signature <u>JB</u>		
to <u>20K</u> ft.		
ON DEPOT		
TFGR831K		
N540CD		
5034		
127		

Altimeter was tested and inspected on 1/11 and bound to comply with 91.413 Appendix F. Automatic altitude reporting equipment calibrated on 10-1-25-11 in compliance with 43. Appendix E, Paragraph (C) to 20K ft. Number: 17465

DEPOT	
TFGR831K	
I certify that the altimeter and static system tests required by FAR 91.411 have been performed.	
The altimeter was tested on <u>10-1-25-11</u>	
by <u>AV DEPOT</u>	
Signature <u>JB</u>	
to <u>20K</u> ft.	

THE AVIATION DEPOT
C.R.S. TFGR831K

N540CD

PFD

& ELECTRONIC CHECKS

OF CK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	DATE
	<p>I certify that the altimeter and static system tests required by FAR 91.411 have been performed.</p> <p>The altimeter was tested on <u>10 / 25 / 11</u></p> <p>by <u>AV DEPOT</u> to <u>20K</u> ft.</p> <p>Signature <u>[Signature]</u></p> <p>THE AVIATION DEPOT C.R.S. TFGR831K</p> <p style="text-align: right;">NS40CD 5034 AL7</p>			

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 [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 [Signature]

THE AVIATION DEPOT
C.R.S. TFGR831K

NS40CD PFD

MAINTENANCE RECORD

F.A.R. 43.9

Cirrus Design Factory Service Center

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



DATE 10/11/2005
A/C TSN
HOBBS 71

TE NO.
ED TO SERVICE

DATE O
COMPLET

MAKE Cirrus
MODEL SR22
S/N 1625
REG NO 540CD
WORK ORDER
4896-10-2005

Airframe Entries

- (1) Corrected paint discrepancy on left wing lower surface adjacent to wing IAW AMM 51-20 (2) Repaired paint near LH fuel Vent IAW CDC AMM 51-20 (3) Repaired paint chip on LH wing inspection panel IAW CDC AMM 51-20 (4) Repaired paint on LH wing Outboard fuel access panel IAW CDC AMM 51-20 (5) Repaired paint scratch aft of upper cowl, RH side, IAW CDC SR22 MM 51-20 (6) Repaired paint on RH door leading edge IAW CDC AMM 51-20 (7) Repaired paint near RH aileron cove IAW CDC AMM 51-20 (8) Repaired paint on RH flap hinge cover IAW CDC AMM 51-20 (9) Repaired paint near aft tail tie down IAW CDC AMM 51-20 (10) Removed rough sealant and applied new sealant to LH passenger window IAW CDC AMM 56-20 and 20-10 (11) Replaced left rear cupholder, P/N 51179-001, with new, IAW CDC SR22 MM 25-10 (12) Repaired paint scratch on LH side of rudder IAW CDC AMM 51-20 (13) Replaced left rear cupholder, P/N 51179-001, with new, IAW CDC SR22 MM 25-10 (14) Repaired paint scratch on seals for proper door operation IAW CDC AMM 53-40 (15) Repaired paint run on inside of baggage door IAW CDC AMM 51-20 (16) Repaired paint scratch on LH side of rudder IAW CDC AMM 51-20 (17) Adjusted both cabin door

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: 10/11/2005

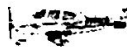
SIGNED:

Mitch Knase
Certified Repair Station No YD5R855Y

Work Order: 4896-10-2005

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22 G2
S/N: 1625
REG. NO: 540CD
WORK ORDER: 00800



Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L
2701 Airport Avenue
Santa Monica, CA 90405
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 11/9/2005
A/C TSN: 51.1
HOBBS: 51.1

Airframe Entries

- (2) I certify that this aircraft has been inspected in accordance with with a 50hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION....&...(5) I certify that this propeller has been inspected in accordance with with a 50hr Inspection I.A.W. Cirrus Demonstartor Care Program and has been determined to be in AIRWORTHY CONDITION....&...(8) Remove and replace Exhaust #6...&...(9) Remove and replace CHT #4 Probe

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: 11/9/2005

SIGNED:

Kim Davidson
Certified Repair Station No. YYKR678L

Work Order: 00800

Printed by EBis 3 (datcomedia.com)

DATE OF
COMPLETION

F.A.R. 43.9

MAKE: Cirrus
MODEL: SR22 G2
S/N: 1625
REG. NO: 540CD
WORK ORDER: 00855

Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L
2701 Airport Avenue
Santa Monica, CA 90405
Phone: (Main) 310-391-6293 (Avionics 310-391-0692)DATE 11/30/2005
A/C TSN 100 8
HOBBS 100 8AGENCY & CERTIFICATE NO.
AED/RETURNED TO SERVICE

Airframe Entries

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 hobs....&...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

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: 11/30/2005

SIGNED:

Kim Davidson
Certified Repair Station No. YYKR678L

Work Order: 00855

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22 G2
S/N: 1625
REG. NO: 540CD
WORK ORDER: 00976

Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L
2701 Airport Avenue
Santa Monica, CA 90405
Phone: (Main) 310-391-6293 (Avionics 310-391-0692)DATE 1/11/2006
A/C TSN 147 7
HOBBS 147 7

Airframe Entries

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.

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: 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: (Main) 310-391-6293 (Avionics 310-391-0692)DATE 2/16/2006
A/C TSN 148 9
HOBBS 148 9

Airframe Entries

I certify that this aircraft has been inspected in accordance with with a 200hr 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 200hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION. Prop TT 198.9....&...CWSB 22-25-17 Crew Seat Break-Over Pin Replacement....&...CWSB 22-28-04 R1 Fuel Line Chafing....&...CW SB22-32-14 M/G Firing 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:

Kim Davidson
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

Work Order: 01080

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: (Main) 310-391-6293 (Avionics 310-391-0692)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 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 250hr Inspection I.A.W. Cirrus Demonstrator 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:

Kim Davidson
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

Work Order: 01217

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO

MAKE: Citrus
MODEL: SR22 G2
S/N: 1625
REG NO: 540CD
WORK ORDER: 01307

MODEL BR22 G2
S/N: 1625
REG NO: 540CD
WORK ORDER: 01307

Klim Davidson Aviation, Inc.

Airframe Entries

I certify that this aircraft has been inspected in accordance 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 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

Maintenance Release

Maintenance Release
The aircraft, airframe, engine, propeller, or appliance identified above was repaired 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 CRSA YKRG784.

25

Kim Davidson

Kim Davidson
Certified Repair Station No. YMKR678L

Work Order 01307

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DESCRIPTION OF OR APPROV

MAKE: Citrus
MODEL: SR22 G2
S/N: 1625
REG. NO: 540CD
WORK ORDER: 01413

Kim Davidson Avila
Repair Station No. YY6R678L
2701 Airport Avenue
Santa Monica, CA 90405
Phone: (310) 391-6283

Kim Davidson Aviation, Inc.

DATE: 8/7/2008
A/C TSN: 349 0
HOBBSS: 349 0

Airframe Entries


Airframe Entries
I certify that this aircraft has been inspected in accordance 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 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.

Maintenance Release

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#YYKR678

DATE: 6/7/2006

SIGNED:

SIGNED: 
Kim Davidson
Certified Repair Station No. YYKR678L

1

Work Order: 01413

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Kim Davidson
Certified Repair Station No. YKRB678L


1



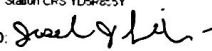
Work Order: 01413

MAINTENANCE RECORD

F.A.R. 43.9

O SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/DATA USED
			 <p>Cirrus Design Factory Service Center Repair Station No. YD54255Y 4515 Taylor Circle Duluth MN 55811 Phone 218-788-3101</p>	DATE 7/18/2006 AWC TSN 407 5 HOGES 407 5
			<p>Airframe Entries</p> <p>(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) CAV 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 LH 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 fanning 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 fanning spacer to stop chafing IAW standard maintenance practices (32) Replaced main landing gear fanning bracket P/N 17205-001 IAW CDC AMM 32-42 (33) Replaced R/H main landing gear fanning 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 LH wingroot lower surface fanning tape IAW CDC AMM 53-50 (41) Left wing access panels in flap cove middle of flap chafing, limited and aucted panels IAW standard maintenance practices (42) Performed ng inspection of aileron system, ng 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 mushrom fanning installed missing walnuts IAW CDC AMM 32-10 (45) Removed & replaced rubber grommets @ VOR antenna w/ new P/N MS35429-135 IAW CDC AMM 35-50 & standard maintenance practices (46) Removed & replaced Foil tape @ lightning 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 cowel seats on upper and lower engine cowels 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 battle with new (p/n 15487-001), and R/H cylinder battle 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 battle 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 battle IAW standard maintenance practice (64) Installed correct screw in L/H forward inboard engine battle IAW</p>	
			1	
			CONTINUED ON NEXT →	

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
Continued From Page 1		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: Pilot's static leak check completed IAW AMM chapter 34-10 Magnetometer calibration completed IAW AMM chapter 34-15 Functional check satisfactory (69) Updated MFD to software revision 6.1 IAW Awdyne SB 601-00004-030 Rev 02a MFD functional check satisfactory (70) Updated Awdyne MFD and Garmin 420s 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: 6888-07-2006 Printed by EBis 3 (datcomedia.com)
		 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 HOBBES 408 9
		MAKE: Cirrus MODEL: SR22 S/N: 1625 REG. NO: 540CD WORK ORDER: 6955-07-2006	
		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			
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		MAKE: Cirrus MODEL: 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 408 7 HOBBES 408 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 IAW AMM 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 LH wing tip IAW CDC AMM CH 51-20 (6) Repaired paint on LH wing O/B L/E by wing to wing tip seam IAW CDC AMM CH 51-20 (7) Replaced pilots sunvisor 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 HOBBES 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 0419-0625 IAW AMM 22-11 Functional check satisfactory (2) Removed and replaced #4 CHT P/N 14880-001 IAW AMM chapter 77-20 (3) Removed (S/N 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	DA COM
9-22-06	440.9	REPLACED FLAP ANTI-CRAPE TAPE.	FOR L9PR971N.	
		LAPEER AVIATION, INC.		
		F.A.A. Approved Repair Station No. L9PR971N		
		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. Sch A & P#: 373869232

MAINTENANCE RECORD

F.A.R. 43.9



ANN ARBOR

Aviation Center, Inc.

719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6805
Fax 734-662-0339

February 27, 2007

N540CD
Airframe

459.4 Hobbs

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.

719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6805
Fax 734-662-0339

23 May 2007

N540CD
Airframe

479.1 Hobbs
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

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ANN ARBOR
Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 30 YEARS

719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0539

17 August 2007

N540CD

507.4 Hobbs

Aircraft

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/A/W 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/A/W 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

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ANN ARBOR
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719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0539

22 April 2008

N540CD

526.2 Hobbs

Airframe

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

F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ANN ARBOR
Aviation Center, Inc.

719 Airport Drive
Ann Arbor, MI
48106

Phone 734-662-6904
Fax 734-662-0339

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/CW 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/CW 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

Ross A. Schmidt

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE
-----------------------	-----------------------------

6 Nov

Performed Annual Ins
2009. C/W FAR 91.207(d)
March 2012. Replace

element BA-24. Repack
Battery G243, new up

replaced. Fuel gasola
I/AW STC SA017081

C/W SB2X-05-01 O
In

C/W AD2006-21-03

AD2009-05-05

AD2009-16-03

AD2009-24-52

AD2009-26-01

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

- 6) This warranty does not apply if electrolyte other than that recommended by TBP has been used; if the manufacturer's code markings have been destroyed, or if the battery is of a smaller size than that specified by the aircraft manufacturer.
- 7) The provisions of this warranty do not apply to routine maintenance service.
- 8) TBP reserves the right to change any battery specifications or prices without incurring any responsibility with regard to batteries previously sold.
- 9) THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY IS LIMITED TO REPLACEMENT AS SPECIFIED ABOVE. THERE ARE NO OTHER WARRANTIES EXPRESSED OR IMPLIED SPECIFICALLY, BUT WITHOUT LIMITATION, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL TBP BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY DEFECT IN ANY BATTERY, ARISING OUT OF THE FAILURE OF ANY BATTERY TO OPERATE PROPERLY, OR ARISING OUT OF ANY BREACH OF THE WARRANTY MADE HEREIN. No person is authorized to give any other warranty or to assume any additional obligation or liability on behalf of TBP.

cylinders installed.

(Upon Receipt, To address rapid wear on the face of hydraulic lifters) N/A, Engine built before June 19, 2009 and no hydraulic lifters replaced.

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

The GILL Battery Log
RECOMMENDED PRACTICES FOR
TAKING THE BEST POSSIBLE CARE
OF YOUR AIRCRAFT BATTERIES
N540CD 11-18-09

MAINTENANCE RECORD

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

WORK PERFORMED

AIRCRAFT TIME
IN SERVICE

DATE OF
COMPLETION



ANN ARBOR
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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. C/W SB2X-05-01 Overhaul and Replacement Schedule- Brake Assembly O-Ring Replacement Interval, Installed Kit 70227-002.

C/W 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.


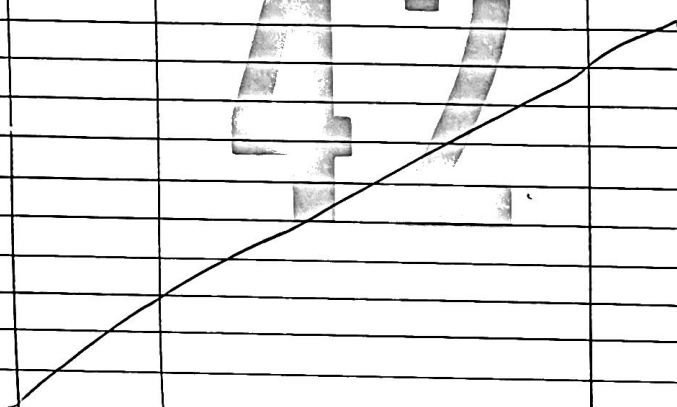
AD2009-16-03 (09/09/2009 To prevent the separation of the cylinder head) N/A, no Superior Air Parts cylinders installed.

AD2009-24-52 (Upon Receipt, 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

F.A.R. 43.9			AGENCY & CERTIFICATE NO.
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK PERFORMED/RETURNED TO SERVICE
 <p>719 Airport Drive Ann Arbor, MI 48106 Phone 734-662-6806 Fax 734-662-0599</p>			
11 August 2010	N540CD	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 <i>Ross A. Schmidt</i>	
			

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

INSPECTION F.A.R. 43.11-91.409



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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

DATE	AIRCRAFT TIME IN SERVICE	F.A.R. 43.11-91.409
KIND OF INSPECTION - STATUS & DISCREPANCY LIST		
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE		

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.skytecar.com/eligibility.htm

Starter installed on N 540 CD by Ross A. Schmitt
 (Aircraft) (Mechanic)
28 JAN. 2011 365584044 A&P
 (Date of Installation) (A&P No.)
 Form CC1108-1

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		

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 ANNUALLY.
 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 SUPPORTING DOCUMENTS ARE KEPT ON FILE AT THIS FACILITY.
 RUN-UP, OP'g, AND LEAK CHECK OK.
 DAVID R LANDRETH A&P 2651512 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

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

AIRFRAME LOG BOOK ENTRY

16 FEB 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



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.
CERTIFIED PILOTS INTO THE AIR FOR OVER 30 YEARS

719 Airport Drive
Ann Arbor, MI
48106
Phone 734-662-6806
Fax 734-662-0339

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. CWV 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 removed, 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.
CWV SB2X-24-09 (Electrical Load Distribution - TVS Fuse Installation) Installed fuse 50961-001, fuse holder 50960-001.

CWV 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.
CWV 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

National Aviation Authority: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		Form Tracking Number: SV71390	
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: SV71390	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
1	Multi-Function Display	700-00004-008	N/A	1	20880055
12. Status/Work: Modified					
13. Remarks:					
<p>1 Modified and tested in accordance with Repair Manual 600-00130-004 and Temporary Revision Sheet 605-00130-000 with full details held within Returned Material Authorization SV71390.</p> <p>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</p>					
14. Certifies the items identified above were manufactured in conformity to:					
<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.					
15. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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.					
16. Approval/Authorization No.:		17. Authorized Signature:		18. Approval/Certificate No.:	
		<i>Maurice Lynn Shomgard Jr.</i>		1VAR161B	
19. Date (m/d/y):		20. Name (Typed or Printed):		21. Date (m/d/y):	
		Maurice Lynn Shomgard Jr.		Feb/14/2013	
User/Installer Responsibility					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where 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 part/component/assembly from the airworthiness authority of the country specified in Block 1.</p> <p>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 of the user/installer before the aircraft may be flown.</p>					
<small>FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN 0012-00-012-9005</small>					

Report dated 1 January
Replacement **due by 31**
d lubed gear.

MA Controller AAIR,
1/Fuel flow gauge
315 and replaced
aulex exchanged unit
unit 6405-8-28L, SN
nly breathing mask
oxygen to max.
spection per

Sec. 5.0, Para.1-5.
on per 22-6460004

or cracks. Next

CW 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**.

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

CW 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.**

CW 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.

INSPECTION RECORD F.A.R. 43.11-91.409

Continued from previous page.

CW SB2X-05-02 (Induction Duct Flapper Bolt Replacement Interval) N/A, TAT system installed.
CW SB2X-32-19R3 (Nose Landing Gear Assembly Inspection and Reinforcement) Inspected, No cracks noted. **Next inspection due by 768.5 Hobbs.**

AD2012-10-13 (06/08/2012 To Prevent Adapter Gear Shaft Failure) N/A by new starter adapter 642085A15, SN CAS-2622 installed 16 March 2011.

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 *Mark Roisen*

8 Octo

Removed MFD 700-00004
wheel fairing inboard brack
ICA for Tanis preheat comp

National Aviation Authority: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		Form Tracking Number: 9021987	
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: 9021987	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
1	Multi-Function Display	700-00004-008	N/A	1	2013*315
12. Status/Work: Repaired					
13. Remarks:					
<p>1 Repaired and tested in accordance with Repair Manual 600-00130-004 and Temporary Revision Sheet 605-00130-000 with full details held within Returned Material Authorization 9021987</p> <p>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</p>					
14. Certifies the items identified above were manufactured in conformity to:					
<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.					
15. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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.					
16. Approval/Authorization No.:		17. Authorized Signature:		18. Approval/Certificate No.:	
		<i>Michael William Clifford</i>		1VAR161B	
19. Date (m/d/y):		20. Name (Typed or Printed):		21. Date (m/d/y):	
		Michael William Clifford		Sep/12/2013	
User/Installer Responsibility					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where 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 part/component/assembly from the airworthiness authority of the country specified in Block 1.</p> <p>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 of the user/installer before the aircraft may be flown.</p>					
<small>FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN 0012-00-012-9005</small>					



ANN ARBOR
Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 30 YEARS



719 Airport Drive
Ann Arbor, MI
48108

Phone 734-662-6606
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. CW 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.

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

CW 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**.

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

CW 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.**

CW 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.

INSPECTION RECORD
F.A.R. 43.11-91.409

Continued from previous page.

C/W SB2X-05-02 (Induction Duct Flapper Bolt Replacement Interval) N/A, TAT system installed.
C/W SB2X-32-19R3 (Nose Landing Gear Assembly Inspection and Reinforcement) Inspected, No cracks
noted. Next inspection due by 768.5 Hobbs.
AD2012-10-13 (06/08/2012 To Prevent Adapter Gear Shaft Failure) N/A by new starter adapter
642085A15, SN CAS-2622 installed 16 March 2011.

*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



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

8 October 2013

**N540CD
Aircraft**

690.0 Hobbs

Removed MFD 700-00004-008, SN 20880055 and replaced with repaired unit SN 20131315. Right main
wheel fairing inboard bracket 07205-002 replaced.

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

Ross A. Schmidt
3661999 A&P



1. Airworthiness National Authority Authority Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# WO1170010010	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 East Apache Tulsa, OK 74115						5. Work Order/Contract/Invoice Number: WO1170010010	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	MAGNETO	10-50056-101	N/A	1	D06KA173	REPAIR	
13. Remarks: BSCB641 CONDENSOR BMSB644 COIL & ROTOR (AD 94-01-03R2) BMSB645 500 HR. IMPULSE INSPECTION (AD 2005-12-06) (EXCHANGE) <input type="checkbox"/> SB2-80C 500 HR. INSPECTION <input type="checkbox"/> SB1-98 250 HR. IMPULSE INSPECTION (AD-99-04-04) <input type="checkbox"/> SB2-08B BREAKER POINT CAM <input type="checkbox"/> SB3-08C CARBON BRUSH MANUAL # X42002-3 ISSUE DATE: 08/11 Certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval no EASA 145.5982. See Attached Work Order Summary for details. (2) pages (MECH. SVG)							
14. Certifies the items identified above were manufactured in conformity to: <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.		15. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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.					
16. Authorized Signature:	16. Approval Authorization No.:	16. Authorized Signature:	17. Approval/Certificate No.:				
		<i>[Signature]</i>	QYIR334Y				
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):				
		<i>Kevin J. Wilson</i>	AUG 14, 2013				
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. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different from the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts parts/component/assembly from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 15 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.							

FAA Form 8130-3 (10/08) *Installer must cross-check eligibility with applicable technical data. NSN 0052-00-012-9005

TOP FLIGHT AVIONICS
C.R.S. TFGR831K

Signature: *[Signature]*

W.O. No. *18540*

Unit *UNIT* Mfg. *127* P/N *127*

Model *448679* SN *448679*

Owner *AV CENTER* N# *N540CD*

Tech. *[Signature]* Insp. By *[Signature]*

Removed Service ☒ *LEFT*

OH ☐ R ☐

7 April 2014

72.0 Hobbs

3. Reinstalled repaired magneto

4 (Rev)

LIST
VING AIRCRAFT FOR SERVICE

Performed Annual Inspection in 2012. CW FAR 91.207(d) ELT March 2017. Replaced #2 battery PN:26115-101 due again by M 35/36. Removed oxygen bottle 2019, bottle passed and was reinstalled into aircraft. Filled ICA for Precise flight oxygen REV F. no defects of the system proportioning valve. Replaced both main gear needed replacement ICA for Tanis preheat compliance ICA for TAT Exhaust system.

Customer: **Spears Fire & Safety Services, Inc.**
287 Jackson Plaza
Ann Arbor, Michigan 48103-1920
Telephone: 734-663-4131 Fax: 734-663-9343

Date: April 2, 2014

Customer: **Aviation Center**
719 Airport Drive
Ann Arbor, MI 48108
Mark 734-662-6806

Item: **Oxygen cylinder** Mfg: **CL** P/N: **026N2003-3**

SN: **6268-1706** DOT Specification: **SP11194-1850**

Was unit functionally tested before disassembly? **No.**

Post teardown find. Unit due for its required hydrostatic test.

Detail of work accomplished and parts(s) replaced:
All contents were removed from cylinder. Interior light placed inside of cylinder to inspect condition of cylinder. Found to be in good condition. Cylinder was filled with water and hydrostatic test was performed on cylinder. Cylinder passed. Water was removed from cylinder and unit was placed on dryer. Interior light was placed inside into cylinder. Valve was removed from cylinder. Valve was re-installed.

Work Order #429659
Technician: **Robert Paite**
Inspector: **Robert Paite**
Claim Check #G531206

Continued on next page.

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



ANN ARBOR
Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 36 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



7 April 2014

N540CD
Aircraft

699.5 Hobbs

SERVICE

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.

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

Continued from previous page.

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

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

C/W 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**

C/W SB 2X-27-17 (Electric Flap relay modification) installed relay PN29409-001

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

C/W 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

DATE

4/1/15

F.A.R. 43.11-91.409

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

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

DATE

4/1/15

"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


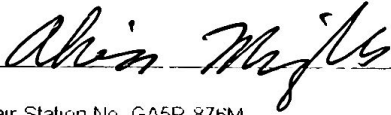
W.O.#: **29842-03-2015** Date: **4-1-2015**

Signed:



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>Commander Aero, Inc. 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 AVC TSN 730 5 HOBBS 730 5</p> </div> </div> <p>Airframe Entries</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 Motor Assembly 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 belts.... (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; margin-top: 20px;"> <div>DATE: 4/3/2015</div> <div> SIGNED:  Minzler, Alvin Certified Repair Station No. GA5R-876M </div> <div> Work Order: 29842-03-2015 Printed by EBis 3 (datcomedia.com) </div> </div>

MAKE Cirrus
MODEL SR22
S/N 1625
REG NO N540CD
WORK ORDER
29842-03-2015

Airframe Entry
(1) Installed new

Maintenance Release

The aircraft and/or
was found Airworthy
Order No. 29842-03-2015

DATE: 5/12/2015



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

DATE 5/12/2015
A/C TEN 7205
HUBBS, 7205

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 N5400D 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. 79578-05-2015.

DATE: 5/12/2015

SIGNED:

Mintzler, Amin

Certified Repair Station No GA5R-876M

Work Order: 29878-05-2015

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

LEMAC AVIATION, LLC

4550 EAST MCKELLIPS ROAD, SUITE 101
MESA, ARIZONA 85215

SERVICE #: 1215

DATE: 3/3/16

REGISTRATION: N366DM

HOBBS: 774.6

MAKE: CIRRUS MODEL: SR22 SERIAL: 1625

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 LA

INSPECTION RECORD
F.A.R. 43.11-91.409KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

VICE

DATE

AIRCRAFT TIME
IN SERVICEFlite 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
N366DM	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

AIRFRAME LOG

HOBBS: 805.6

- 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 Phillipsburg Airport LLC
Airframe LOG

DATE 04/20/2016

Hobbs 845

MAKE Cirrus
Model SR22

TACH
S/N 1625

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

All installations and repairs were 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 SHIELD 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

AP32078741A

INSPECTION RECORD

MAKE CIRRUS
MODEL SR 22
S/N 1255
REG. NO. N366DM
WORK ORDER 31668



APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone 800-982-6466

DATE 8/22/2019
A/C TSN 836.4
HOBS 836.4

DATE AIF

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

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U Z

AMI AVIATION
SERVICES, LLC

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.

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The Weight and Balance was negligible, not required.

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.

Authorized Signature 

Date: 12/06/2019

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 W1290-28. REPLACED
PILOTS PUSH TO TALK SWITCH P/N 50339-001. INSTALLED NEW
RIGHT HAND WHEEL PANT BRACKET P/N 13522-001
Walter Bell A/P 3651706

INSPECTION RECORD

F.A.R. 43.11-91.409

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Cirrus N366DM
Hobbs: 876.8
12/14/2019

Ser: 1625
ACTT: 876.8

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.
AIRCRAFT APPROVED FOR RETURN TO SERVICE.



JOSEPH LAMIROULT AP32226421A


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 SERVICE
2020		REMOVED AND REPLACED 4/H+P/H MAIN TIRES WITH NEW
RS:	916.5	GOODYEAR FLIGHT CUSTOM III 15.X6.0-6 PLY P/N 156E66-4
T:	916.5	4/H S/N 91362253 P/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 CIRRUSS 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 Bl. AIP 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	939.3	PERFORMED 100HR INSPECTION AND SERVICING-REFERENCING- CIRRUSS
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 GARMING TX 33S PER GARMING 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 P/H TURBO SHROUD.
		Walter Bl. AIP 3651706
		Date 2/16/2021 Hobbs / Tach 939.3 TT 939.3
		I certify that this aircraft has been inspected LA.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 AP32226421A

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TIME IN SERVICE
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SKY AVIONICS HANEAR #4251, S.E. RAMP, SANFORD-ORLANDO INT'L AIRPORT
Mailing Address: P.O. Box 4852, Sanford, FL 32772 407-505-7769
Make/Model: Cirrus SR22 A/C Reg: N366DM A/C Serial No: 1625 Hobbs: 964.8

1. Removed existing Garmin GNS430. Installed and tested Garmin GNS430W PN 011-01060-00, SN 23421295 in number 2 Nav/Com/GPS position IAW AML STC SA01933LA.
2. Replaced existing non WAAS GPS antenna for number 2 GNS430W with Garmin GA-35 GPS WAAS antenna utilizing existing provisions under glareshield.
3. Replaced existing GPS coax cabling for #1 Garmin GNS430W and #2 Garmin GNS430W with new RG400 coax cabling.
4. Weight and balance unchanged.
5. Electrical load analysis confirms that load requirements within 80% of rated capacity.

Dennis Pendergast
AP 2774570 IA

1 September 2021

INSPECTION RECORD F.A.R. 43.11-91.409

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DATE

AIRCRAFT TIME IN SERVICE

Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' ± 100'	Hysteresis ± 75'
-1000	0	20	-		Altitude
0	0	20	-	40%	8000
500	0	20	20 70	80%	10000
1000	0	20	-	After Effect 20 ± 30'	
1500	0	25	-	Barometric Scale Difference	
2000	+10	30	20 70	28 10	-1730 -1727
3000	0	30	20 70	28 50	-1340 -1340
4000	0	35	-	29 00	-865 -863
5000	-15	40	30 70	29 50	-395 -392
6000	-10	40	-	29 92	0 0
8000	-10	80	50 80	30 50	530 531
10000	-10	80	-	30 90	895 893
12000	0	90	-	30 99	975 974
14000	0	100	-	Altimeter S/N	
15000	0	-	50 90	448679	
16000	0	110	-	Make	
18000	+10	120	-	Model/Part #	
20000	0	130	40 100	UNITED 59350-3	
22000	0	140	-	Master Altimeter P/N & S/N	
25000	0	155	120	124-00006/418254	
30000	0	180	140	Date Tested	
35000	0	205	160	9-3-21	
40000	0	230	180	Technician	
45000	0	255	-	Certificate #	
50000	0	280	250	JL5R478X	

Tested in compliance with FAA FAR 43 Appendix E
Calibrated to 20K Fl. W.O. # R3447
Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32118 FAA CRS # JL5R478X
386-767-6783

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix F.
W.O. # R3447 Tested to 20K feet

Altimeter Model 59340-3 s/n 448679
Air Data Computer 700-00006-000 s/n 22597135
Transponder GTX335 s/n 3EE424983

Altitude Reporter A-30 s/n 97529

Static System Pilot CX (co-pilot) 4


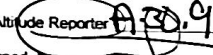
Signed Date 9-3-21

Volusia Aviation, Inc. 386-767-6783 FAA CRS # JL5R478X

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 CIRROS
HOBBS: 987.9		SR22 MM. CHAPTER'S 5-20 5-30 SERVICED AND INSPECTED PRECISE
ACT: 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 50835B-421 S/N RA24 JAN 22-21 FOR OVERHAUL. INSTALL
		AFTER OVERHAUL. BATTERY EXPIRATION DATE 01/27
		ALL WORK DONE IN ACCORDANCE WITH CURRENT REGULATIONS OF
		THE FEDERAL AVIATION ADMINISTRATION.
		Walter Rhee A+P 3651706

F.A.R. 43.11-91.409

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3/4/2022		Date 3/4/2022 Hobbs / Tach 987.9 TT 987.9
		I certify that this aircraft has been inspected LA.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 AP32226421A
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
ACT: 1002.7		REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION.
		Walter Rhee A+P 3651706
		VFR
		N366DM
		The tests required by FAR 91.413, & 91.217 have been
		performed in accordance with FAR 43 appendix F.
		W.O. # RS395 Tested to 24 feet
		Transponder GTX335 s/n 3EE 424983
		Altitude Reporter A30.9 s/n 159877
		Signed  Date 6/4/22
		Volusia Aviation, Inc. 386-657-6763 FAA CRS # JL5R476X