

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

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the  
ass authority different than the airworthiness authority of the country specified in Block  
airc. (a) (1)(ii) Vertical(a,c) from the airworthiness authority of the country specified in

## AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corporation MODEL SR22 DATE OF MFG. Sept 2010

SERIAL NUMBER 3681 REGISTRATION NUMBER N531CC

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 \_\_\_\_\_

## MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

DATE

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE  
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT  
SA02013CH

CDC  on 08/09/2010  
Cirrus Design Corporation Duluth, MN USA  
PC# 338CE

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE  
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT  
SA01708SE

CDC  on 08/08/2010  
Cirrus Design Corporation Duluth, MN USA  
PC# 338CE


### **LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS**

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR TBO	REMOVAL DATE/HOURS	AGENCY CERT. NO.
Life Limited Parts SR22							
PART NAME	PART NUMBER				EXPIRES		
CAPS Rocket Motor	<del>21814-001</del> 26601-001	S/N 0006	07/15/2020				
CAPS Parachute	<del>20321-001</del> 25357-002	S/N 0020	07/31/2020				
CAPS Reefing Line Cutters	5212	TOS10E003-068	5/2016				
ELT Battery Pack	<del>455-6608</del> 452-6499	Date Installed 8-19-10	SEP/2016				
EMA Controller, AAIR	20902-001	S/N: A18AUG09-337	08/2016				
Oxygen Bottle Assembly	102N0100-1	MFG Date 04/10	04/2025				
CO Detector	24660-002	S/N 91319	08/2017				
Pilot Seat Inflator Assembly	20902-002	S/N: AASI 176W 10314	6/1/2019				
Co-Pilot Seat Inflator Assembly	20902-002	S/N: AASI 176W 10313	6/1/2019				

[illegible][illegible]

## ALTIMETER & STATIC SYSTEM CHECKS

### F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY	CERT. NO.
<p>I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, &amp; 91.217 have been performed and found within the limits of FAR 43 appendices E &amp; F and AC 43-6B.</p> <p><b>TESTED TO</b> <u>25,000</u> <b>FEET ON</b> <u>08/18/10</u></p> <p><b>Transponder:</b> Mfg <u>Garmin</u> P/N <u>24653</u>  Model: <u>GTX-33</u> S/N <u>89120341</u></p> <p><b>Air Data Computer:</b> Model <u>GDC74A</u> P/N <u>24651</u>  S/N <u>20608886</u></p> <p><b>Altimeter:</b> Mfg <u>United</u> P/N <u>12731-003</u>  S/N <u>403277</u></p> <p>CDC Quality Assurance  on <u>08/18/10</u>  Cirrus Design Corporation Duluth, MN USA  <b>PC# 338CE</b></p>								



AVIONICS INSTALLATIONS, INC.  
100 Cessna Blvd, Ste 1A  
Port Orange, FL 32128  
386-492-7760

CRS G43R643N

WORK ORDER NUMBER 10877

CUSTOMER NAME: 5 Wild Horses LLC DATE: 1/28/13  
ADDRESS: 30 Rudnick Lane, Dover, DE 19901-4912  
DAY PHONE: (201) 376-4549 HOME PHONE: \_\_\_\_\_  
A/C NUMBER: N531CC A/C MAKE: Cirrus  
A/C MODEL: SR22 A/C S/N: 3681  
APPLIANCE: ALT Air Data Comp. Transponder  
MANUFACTURER'S NAME: United GARMIN GARMIN  
MODEL #: 12731-003 GDC 74A GTX-33  
SERIAL #: 403277 20608886 89120341  
P/N: 24651  
IDENTIFICATION OF ITEM WORKED ON OR WORK REQUESTED  
IFR Cert

PRELIMINARY INSPECTION: DATE 1/28/13 PERFORMED BY: \_\_\_\_\_  
HIDDEN DAMAGE INSPECTION: DATE 1/28/13 PERFORMED BY: \_\_\_\_\_  
DETAILED DESCRIPTION OF WORK PERFORMED  
IFR Cert

The ATC Transponder test required by FAR 91.413 was \_\_\_\_\_ The Altimeter/Altitude Reporting/Static System Test required  
Performed and complies with FAR 43 Appendix F by FAR 91.411 was performed and complies with FAR 43  
Appendix E

Performed By: \_\_\_\_\_ Date 1/28/13  
Inspected By: \_\_\_\_\_ Date 1/28/13

### MAINTENANCE RELEASE

THE ITEMS AS IDENTIFIED ABOVE WERE INSPECTED/CERTIFIED IN ACCORDANCE WITH  
CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION ADMINISTRATION AND IS  
APPROVED FOR RETURN TO SERVICE.

DATE: 1/28/13

SIGNED: \_\_\_\_\_

Pertinent details of the repair are on file at this Repair Station.

At no time will an INSPECTION STAMP/SYMBOL be used in the signature block of the maintenance



The Altimeter/Altitude Reporting/Static system test required by FAR 91.411 was performed and complies with FAR 43 Appendix E.

The ATC Transponder test required by FAR 91.413 was performed and complies with FAR 43 Appendix F.

W/O# 10877 Date 1/28/13

Signature [Signature] CRS# G43R643N

Avionics Installations, Inc.  
100 Cessna Blvd, Ste 1A  
Port Orange, FL 32128  
386-492-7760

This altimeter complies with FAR Part 43 Appendix E.

W.O. 10877 Date 1/28/13  
This altimeter certified to 20,000 feet.

Avionics Installations, Inc.  
100 Cessna Blvd, Ste 1A  
Port Orange, FL 32128  
386-492-7760  
Repair Station Number G43R643N

# TRANSPONDER

AVIONICS INSTALLATIONS, INC.  
100 CESSNA BLVD, STE 1A  
PORT ORANGE, FL 32128  
(385) 492-7760

Frequency (1090±3MHZ)	<u>1090</u>	W.O.#	<u>10877</u>
Mode-S Check	<u>ok</u>	Make:	<u>GARMIN</u>
Ident (Seconds)	<u>28</u>	Model	<u>GTX 33</u>
		S/N	<u>89120341</u>
Mode A Codes	<u>ok</u>	N#	<u>531CC</u>
Mode C Codes	<u>ok</u>		
(If applicable attach Altimeter Certification Test)			
Sensitivity (90% reply)	<u>74</u>		
(90% reply)	<u>74</u>		
(Within one db of previous reading.)			
Decoding			
Mode A	<u>ok</u>		
Mode C	<u>ok</u>		
Framing	<u>ok</u>		
SLS	<u>ok</u>		
Power	<u>250</u>		
Correlation in A/C	<u>ok</u>		
		.dbm Mode A	
		.dbm Mode C	
		watts (125-500)	

Frequency (1090±3MHZ)	_____	W.O.#	_____
Mode-S Check	_____	Make:	_____
Ident (Seconds)	_____	Model	_____
	(20-30)	S/N	_____
Mode A Codes	_____	N#	_____
Mode C Codes	_____		
(If applicable attach Altimeter Certification Test)			
Sensitivity (90% reply)	_____		
(90% reply)	_____		
(Within one db of previous reading.)			
Decoding			
Mode A	_____		
Mode C	_____		
Framing	_____		
		.dbm Mode A	
		.dbm Mode C	

# ALTIMETER CERTIFICATION

AVIONICS INSTALLATIONS, INC.  
100 CESSNA BLVD, STE 1A  
PORT ORANGE, FL 32128  
(386) 492-7760  
CRS G43R643N

## ALTIMETER CERTIFICATION TEST FAA Certified Repair Station

Altimeter #1  
Altimeter #2  
Remote Encoder  
Air Data Computer

P/N 12731-003  
P/N             
P/N 24651  
P/N           

S/N 40 3277  
S/N             
S/N             
S/N 20608886

W.O. No. 10877

Altitude	ADC	ALT	Actual Reading (1 minute min)	± Tol	Friction	± Tol	Encoder	± Tol
-1,000	-1000	-990		20	-	-	-	-
0	0			20	-	-	-	-
500	505	500		20	0	70	-	-
1,000	1000	1000		25	-	-	-	-
1,500	1505	1515		30	0	70	2000	125
2,000	1995	2020		-	-	-	2200	125
2,200				-	-	-	2700	125
2,700				-	-	-	3000	125
3,000	3005	2980		30	0	70	-	-
4,000	4005	3980		35	0	70	5000	125
5,000				-	0	70	-	-
6,000	5995	5980		40	0	-	8000	125
8,000	8005	7960		60	-	-	-	-
10,000	10,005	9980		80	0	80	-	-
12,000	12,005	11950		90	-	-	-	-
14,000	14005	13980		100	-	-	-	-
15,000				-	-	90	-	-
16,000	15995	15970		110	0	90	16000	125
18,000	17995	17980		120	-	-	-	-
20,000	20005	19960		130	0	100	20,000	125
22,000				140	-	-	-	-
25,000				155	-	-	-	-
30,000				180	-	-	-	-
35,000				205	-	-	-	125
40,000				230	-	-	-	-
45,000				255	-	-	-	-
50,000				280	-	250	-	125

Pressure (in of HG)	Alt. Differential (feet)	Alt. Reading Tol ± 25 ft
28.10	-1,727	-1730 ± 25
28.50	-1,340	-1340 ± 25
29.00	-863	-860 ± 25
29.50	-392	-400 ± 25
29.92	0	0 ± 25
30.50	±531	+530 ± 25
30.90	±893	+890 ± 25
30.99	±974	+970 ± 25

	ADC	ALT
Case Leak at 18,000 ft (±100 ft max.)	0	-10
Hysteresis Test No. 1 (50%) ±75 ft	0	+10
Hysteresis Test No. 2 (40%) ±75 ft	0	+10
After Effect Test (±30 ft)	0	+10

## RADIO & ELECTRONIC CHECKS

N531CC  
Cirrus SR22  
S/N: 3681

*Daytona Aircraft Services, Inc.*

5/12/2015  
Tach: 256.6

### Performed the following maintenance:

1. Performed tests required by FAR 91.411, 91.413, and 91.217 in accordance with Part 43 Appendix E, Paragraphs (a), (b), and (c), and Appendix F. Tested to 20,000 feet.
  - a. Re-certified the Garmin ADC GDC-74A (S/N: 10608886),
  - b. Re-certified the Standby United Altimeter (P/N: 5934PA-3; S/N: 403277),
  - c. Performed FAR 91.413 Transponder Test on the Garmin GTX33 (S/N: 89120341),
  - d. Performed FAR 91.411 with Mode "C" Correlation.

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 #10320.

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

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

FAA CRS DYTR262K

END

# STBY ALT

Altitude	Scale Error	Tol ±	Friction	Case Leak	± 100	
-1000	-15	20			Hysteresis 75'	
0	0	20			Altitude Up	Down
500	+10	20			8200 -5	+20
1000	+20	20	20 ± 70		8200 -10	+10
1500	+10	25			After Effect +15 30'	
2000	+15	30	20 ± 70		Tol. Baro. Scale Error	
3000	+20	30	20 ± 70		25' 28.10	-1735 - 1727
4000	+20	35			25' 28.50	-1340 - 1340
5000	+15	35	20 ± 70		25' 29.00	-865 - 863
6000	+5	40			25' 29.50	-392 - 392
7000		40			25' 29.92	0
8000	-5	60			25' 30.50	+531
9000		60			25' 30.90	+893
10000	-10	80	40 ± 80		25' 30.99	+974
12000	-15	90			Altimeter 8/N	
14000	-10	100			403277	
15000	-5	100	40 ± 90		Mfg. Model/Part #	
16000		110			United 18934P	
18000	+20	120			Master Alt. P/N 8/S/N	
20000	+50	130	40 ± 100		6300/75200	
22000		140			Master Cal. Due Date	
25000		155	± 125		7-24-15	
30000		180	± 140		Technician	
35000		205	± 160		Inspector	
40000		230				
45000		255				
50000		280	± 250			

Tested in compliance with F.A.A. Regulations Part 43 Appendix E  
 Calibrated to 20,000 - Ft. Date 5-12-15

Daytona Aircraft Services, Inc. - F.A.A. Certified Repair Station DYTR 262K  
 561 Pearl Harbor Dr., Daytona Beach, Florida 32114  
 W.O.# \_\_\_\_\_ (386) 255-2049



Altitude	Scale Error	Tol ±	Friction	Case Leak	Hysteresis	
-1000	-20	20		10'	± 100	
0	-20	20			75'	
500	-20	20		Altitude	Up	Down
1000	-20	20	± 70	8000	-20	20
1500	-20	25		10,000	-20	-20
2000	-20	30	± 70	After Effect _____ 30'		
3000	-20	30	± 70	Tol. Baro. Scale Error		
4000	-20	35		25'	28.10	-1740 - 1727
5000	-20	35	± 70	25'	28.50	-1355 - 1340
6000	-20	40		25'	29.00	-880 - 863
7000		40		25'	29.50	-410 - 392
8000	-20	60		25'	29.92	-20 0
9000		60		25'	30.50	+515 + 531
10000	-20	80	± 80	25'	30.90	+880 + 893
12000	-20	90		25'	30.99	+960 + 974
14000	-25	100		Altimeter S/N		
15000	-25	100	± 90	10608886		
16000	25	110		Mfg. / Model/Part #		
18000	25	120		Carmik / GDC74A		
20000	30	130	± 100	Master Alt. P/N / S/N		
22000		140		6300 / 75200		
25000		155	± 125	Master Cal. Due Date		
30000		180	± 140	7-24-15		
35000		205	± 160	Technician		
40000		230		Inspector		
45000		255				
50000		280	± 250			

Tested in compliance with F.A.A. Regulations Part 43 Appendix E  
 Calibrated to 20,000 Ft. Date 5-12-15  
 Daytona Aircraft Services, Inc. - F.A.A. Certified Repair Station DYTR 262K  
 561 Pearl Harbor Dr., Daytona Beach, Florida 32114  
 W.O.# \_\_\_\_\_ (386) 255-2049

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED





# MAINTENANCE RECORD

## F.A.R. 43.9

[illegible]

# 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

**LEADING EDGE**

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 3/11/2011; Aircraft: N531CC; Type: CIRRUS; S/N: 3681; Hobbs: 100.00; Tach: 60.30; Total Time: 60.30  
-Removed & replaced #2 alternator with new. P/N: 657199 S/N: H-K111726

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.

Jonathan Bennett

6582 Eureka Springs Rd. Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 626 1515

A&P 3026634

**LEADING EDGE**

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 4/11/2011; Aircraft: N531CC; Type: CIRRUS; S/N: 3681; Hobbs: 107.90; Tach: 65.80; Total Time: 65.80

-Complied with SB2X-22-07 R1 (Electronic Stability and Protection Installation)

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.

Jonathan Bennett


6582 Eureka Springs Rd. Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 626 1515

A&P 3026634

# **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
20, May 2011		<p><b>North East Aero</b>  <b>97 Hangar RD Montgomery NY, 12549 (845) 457-1184</b>  <b>Cirrus Design SR22 N531CC S/N 3681</b>  Hobbs Time: 127.4      Flight Hobbs: 79.2  1. Removed and replaced nose wheel tire and tube with new. (P/N: 505C66-5, 092-308-0).  <i>Run up and functional check of work completed satisfactory</i>  <b>James T. Markey 31668721A</b></p>	<i>James T. Markey</i>
11, June 2011		<p><b>North East Aero</b>  <b>97 Hangar RD Montgomery NY, 12549 (845) 457-1184</b>  <b>Cirrus Design SR22 N531CC S/N 3681</b>  Hobbs Time: 130.7      Flight Hobbs: 80.8  1. Removed and replaced both main wheel tires and tubes with new. (P/N: 156E66-4, 097-500-0).  2. Removed and replaced nose wheel rim assy with new. (P/N: 40-77)  3. Removed nose wheel pant fairing and stripes with new. (P/N: 26168-001-05, 12343-512-RH, 12343-512-LH)  <i>Run up and functional check of work completed satisfactory</i>  <b>James T. Markey 31668721A</b></p>	<i>James T. Markey</i>

# **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
<p align="center"><b>North East Aero</b>  <b>97 Hangar RD Montgomery NY, 12549 (845) 457-1184</b>  <b>Cirrus Design SR22 N531CC S/N 3681</b>  <b>Hobbs Time: 145.3      Air Hobbs: 89.3</b></p>			
07, November 2011		<p>1. Completed Annual Inspection IAW Cirrus Design Maintenance Manual 100hr/Annual Inspection checklist</p> <p>2. Opened all inspection panels, removed cowling and wheel pants.</p> <p>3. Lubricated airframe as required.</p> <p>4. Checked control cables with proper tension found.</p> <p>5. Cleaned, inspected and re-packed all wheel bearings as required.</p> <p>6. Inspected landing gear with no defect noted.</p> <p>7. Re-secured Tanis engine heater sump pad as required.</p> <p>8. Removed interior and all interior panels for inspection.</p> <p>9. Visually inspected airframe and components with no defects noted.</p> <p>10. Removed ELT S/N: 197-05298 and inspected for condition and proper operation IAW FAR 91.207. Main battery expiration date 09/2016. Remote battery Exp: 09/2015.</p> <p>11. Completed AD search and complied with all outstanding AD's as required. Reference AD list dated 11/11.</p> <p>12. Closed all inspection panels. Installed wheel pants and cowls.</p>	
<p align="center"><i>I certify this Aircraft was inspected in accordance with an Annual Inspection and found to be in an airworthy condition.</i>  <b>James T. Markey 31668721A</b> </p>			

# 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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**Sarasota Avionics**  
INTERNATIONAL

Sarasota Avionics Tampa  
6582 Eureka Springs Rd  
Tampa, FL 33610  
(941) 360-6877 Ext. 135

Date: 4/06/2012; Aircraft: N531CC; Type: SR22; S/N: 3681; Hobbs: 175.90; Tach: 0.00

Removed Avidyne TAS 610 SN: M1024110585 and returned to Avidyne for repair.  
Reinstalled repaired Avidyne TAS 610 SN: M1024110585 in original location IAW Avidyne install document  
Part Number 600-00282-000 (32-2351) Revision 00 Date 27 April 2011.  
Ramp tested fully functional.

All work was accomplished current manufacturer's installation manuals and acceptable installation methods and techniques. Details on file under shop order on date listed above.

for Sarasota Avionics Inc. CRS#QV0D957X


# **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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## **North East Aero**

**97 Hangar RD Montgomery NY, 12549 (845) 457-1184**

**Cirrus Design SR22 N531CC S/N 3681**

**Hobbs Time: 198.3      Air Hobbs: 123.5**

**24, October 2012**

1. Completed Annual Inspection IAW Cirrus Design Maintenance Manual 100hr/Annual Inspection checklist
2. Opened all inspection panels, removed cowling and wheel pants.
3. Lubricated airframe as required.
4. Checked control cables with proper tension found.
5. Cleaned, inspected and re-packed all wheel bearings as required.
6. Inspected landing gear with no defect noted.
7. Removed interior and all interior panels for inspection.
8. Visually inspected airframe and components with no defects noted.
9. Cleaned and re-attached RH and LH exhaust heat shields with PRC as required.
10. Tightened fuel supply line in LH wing as required.
11. Cleaned and straightened LH wing tip light housing as required.
12. Complied with SB2X-57-13R2 Landing gear upper attach torque by re-torquing upper gear leg brackets as required.
13. Removed ELT S/N: 197-05298 and inspected for condition and proper operation IAW FAR 91.207. Main battery expiration date 09/2016. Remote battery Exp: 09/2015.
14. Completed AD search and complied with all outstanding AD's as required. Reference AD list dated 10/12.
15. Closed all inspection panels. Installed wheel pants and cowls.

***I certify this Aircraft was inspected in accordance with  
an Annual Inspection and found to be in an airworthy condition.***

**James T. Markey 31668721A**

*James T. Markey*

# 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

**LEADING EDGE**

AVIATION SERVICES, INC.

**Tampa, FL**



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 11/27/2012; Aircraft: N531CC; Type: CIRRUS; S/N: 3681; Hobbs: 210.70; Tach: 131.60; Total Time: 131.60

-Serviced all tires.

-Bled both brakes as required. Ops check good.

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.

Jonathan Bennett

A&P 3026634

6582 Eureka Springs Rd. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813 626 1515

The Altimeter/Altitude Reporting/Static system test required by FAR 91.411 was performed and complies with FAR 43 Appendix E.

The ATC Transponder test required by FAR 91.413 was performed and complies with FAR 43 Appendix F.

W/O# 10877

Date 1/28/13

Signature

CRS#

G43R643N

Avionics Installations, Inc.

100 Cessna Blvd, Ste 1A

Port Orange, FL 32128

386-492-7760



## MAINTENANCE RECORD F.A.R. 43.9

### North East Aero

97 Hangar RD Montgomery NY, 12549 (845) 457-1184

Cirrus Design SR22 N531CC S/N 3681

Hobbs Time: 256.1

Air Hobbs: 163.2

01, October 2013

1. Completed Annual Inspection IAW Cirrus Design Maintenance Manual 100hr/Annual Inspection checklist
2. Opened all inspection panels, removed cowling and wheel pants.
3. Lubricated airframe as required.
4. Checked control cables with proper tension found.
5. Cleaned, inspected and re-packed all wheel bearings as required.
6. Inspected landing gear with no defect noted.
7. Removed interior and all interior panels for inspection.
8. Visually inspected airframe and components with no defects noted.
9. Complied with SB2X-28-11R2 by re-sealing TKS tank and replacing the fuel line as required. (P/N: 15164-093, 17313-002, 18484-102, PR1440B1/2, 051141-57849)
10. Serviced, charged and installed new #1 battery as required. (P/N: G-243) Installed S/N: G02771967.
11. Removed and replaced two air conditioning drive grommets with new. (P/N: 9311K117)
12. Cleaned and re-installed clear mylar tape on top of vertical stabilizer as required.
13. Removed and replaced rudder rod end with new. (P/N: 11315-004)
14. Removed and replaced #2 batteries with new. (P/N: 50979-001)
15. Removed ELT S/N: 197-05298 and inspected for condition and proper operation IAW FAR 91.207. Main battery expiration date 09/2016. Remote battery Exp: 09/2015.
16. Completed AD search and complied with all outstanding AD's as required. Reference AD list dated 10/13.
17. Closed all inspection panels. Installed wheel pants and cowls.

*I certify this Aircraft was inspected in accordance with  
an Annual Inspection and found to be in an airworthy condition.*

James T. Markey 31668721A



# 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

## LEADING EDGE

AVIATION SERVICES, INC.

**Tampa, FL**



**AUTHORIZED SERVICE CENTER**

Date: 2/10/2014; Aircraft: N531CC; Type: CIRRUS; S/N: 3681; Hobbs: 306 40; Tach: 198 30

- Removed and replaced the RH and LH inboard and outboard fuel senders with new PN 18484-501. Calibrated center fuel gauge IAW Cirrus AMM 28-40.

The above work was performed in accordance with current regulations of the Federal Aviation Administration.

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.

Paul Stern,

\_A&P 3078823

6582 Eureka Springs Rd. Tampa, Fl 33610

Tampa Executive Airport (KVDF) 813 626 1515

## MAINTENANCE RECORD

# LEADING EDGE

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 10/10/2014; Aircraft: N531CC; Type: CIRRUS; S/N: 3681; Hobbs: 356.00; Tach: 231.50; Total Time: 231.50

Removed cowling, wing access panel, wing tips, landing gear fairing's, and interior. Inspected wings, fuselage, and flight controls. Removed wheels, greased bearings, and reinstalled. Cleaned engine and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.

-Complied with Precise Flight Instructions for Continued Airworthiness document # 102NMAN00003 Rev E.

-Verified AD compliance through bi-weekly issue 2014-18.

-Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement 09/2016. Remote activation switch battery replacement due 09/2015.

-Battery removed, inspected, serviced, and charged.

-Remove battery box from tail of aircraft, disassemble and visually inspect for date and condition of batteries, charge and test batteries as required, reassembly of battery box and re-install in tail of aircraft. Next replacement due 10/2015.

-Removed fire extinguisher, inspected and found to be within manufacturers specifications at 516 grams.

-Applied ACF 50 treatment to all flight controls.

-Removed and replaced air conditioning belt turnbuckle adjuster with new PN: MS21251-A5S, MS21254-5LS & MS21254C5RL, adjusted belt tension as required.

-Removed LH & RH wing tip position and anti-collision light assemblies and replaced with PN: 01-077133-11, SN: 00477 & PN: 01-0771733-12, SN: 00475. ops check OK.

-Checked and adjusted rigging of flaps per Cirrus SR22 AMM. Ops check OK.

-Removed & replaced both main gear tires with Goodyear Flight custom III 15x6.0-6

-Installed new Michelin 15x6.0-6 inner tubes L/R sides.

-Removed aft right engine baffle and replaced with new PN: 15469-007.

-Removed & replaced nose gear wheel bearing & bearing cup L/H side with new PN: 08125-20629 & 08231-20629.

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.

Bruce Stein

A&P 2588417IA

6530 Tampa Executive Airport RD. Tampa, FL 33610

Tampa Executive Airport (KVDF) 813 621 7476



# MAINTENANCE RECORD 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

Model: SR22  
S/N: 3681  
Reg. No: N531CC



**CORPORATE**

276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

Date: 22-May-2015

Hobbs: 399.7

Flight: 260.2

## Airframe

### Service Bulletins Accomplished:

- 2016-Complied with SB 2X-27-16R2, modification to prevent possible asymmetric flap condition. Kit P/N: 70255-001.
- 2017-Complied with SB 2X-42-10, updated G1000 software from 764.09 to 764.23. Ground checks properly.

### Maintenance Accomplished:

- 2001-Complied with Cirrus certified pre-buy inspection. Ref Cirrus pre-buy checklist.
- 2002-Removed and replaced L/H elevator middle and outboard hinges. Ref AMM 55-20. P/Ns: 11626-004, 11606-002.
- 2003-Removed and replaced L/H caliper puck o-rings and over temp placards. Ref AMM 32-42. O-ring P/N: M83461-1-222. Blue temp placard P/N: 51698-001. Yellow temp placard P/N: 51698-003.
- 2004-Replaced missing exhaust heat exchanger screw with new. Ref AMM 78-20. P/N: AN530-8R12.
- 2005-Secured L/H and R/H cabin door upper attach hinges to prevent further spinning with door. Ref AMM 52-10.
- 2006-Re-secured L/H and R/H aileron right angle drive arms. Ref AMM 27-10.
- 2007-Removed leaking brake fluid reservoir lower line and inspected for cracks. No cracks found at this time. Reinstalled line with no leaks noted. Ref AMM 32-42.
- 2008-Re-sealed areas on prop with missing leading edge sealant. Ref prop MM 61-00-45.
- 2009-Re-secured L/H and R/H belly heat shields. Ref AMM 53-30.
- 2012-Applied RTV to scat hose to prevent further chafing.
- 2013-During pre-buy engine runs, all air data failed on PFD and MFD along with ADC fail message. Ground tested, cleaned connectors, reseated, function tested, and found working properly. Ref AMM 34-00.
- 2014-Complied with FAR 91.413 transponder certification. Transponder system was tested for Mode A, C, And S, and found to be working properly.
- 2018-Removed failed transponder and installed exchange unit. Transponder was tested for Mode A, C, And S, and found to be working properly. Ref AMM 34. P/N: 011-00779-10. S/N off: 89120341, S/N on: 89122967.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No CIR729.

Signed:


For: Corporate Flight Management, Inc.

Certified Repair Station No FJTR920D

Form CFM 007

# 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
	Model: SR22 S/N: 3681 Reg. No: N531CC	 <b>CORPORATE</b> FLIGHT MANAGEMENT 276 Doug Warpoole Road Smyrna, TN 37167 615.534.4000	Date: 06-Jul-2015 Hobbs: 413.5 Flight: 2680
<b>Airframe</b>			
<b>Maintenance Accomplished:</b> -Air data info intermittently INOP on the PFD and MFD. Removed and replaced, with new, ADC. Ref AMM 34. P/N. J11-00882-10. S/N off. 206088G. 2062049 The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No CIR753.			
Signed: _____ For: Corporate Flight Management, Inc.			
Form CFM 007			
Certified Repair Station No FJTR920D			

# F.A.R. 43.11-91.409

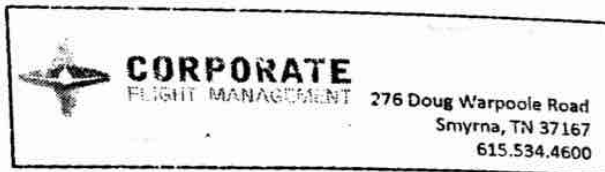
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
26 Aug 2010	2.1 HRS	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Thomas Althaus      Date <u>26 Aug 2010</u></p> <p>Signature: <u>[Signature]</u></p> <p>Title: Production Flight Test Pilot</p>
01 Sep 2010	2.1 HRS	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Sep / 01 / 2010</u>.</p> <p>The next inspection is due <u>Sep / 30 / 2011</u>.</p> <p><u>[Signature]</u></p> <p>Troy J. McDonald DMIR-830296-CE</p>



RECORD  
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Model: SR22  
S/N: 3681  
Reg. No: N531CC



Date: 01-Sep-2015  
Hobbs: 445.0  
Flight: 295.5

**Airframe**

**Maintenance Accomplished:**

2001-Throttle is stiff. Replaced hardware and applied lubricant to stiff throttle. Ref AMM 76. Quadrant P/N: 19179-001, bushing P/N: 14929-001.  
The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No CIR778.

Signed:   
For: Corporate Flight Management, Inc.

Certified Repair Station No FJTR920D

Form CFM 007

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

**AIRCRAFT TIME  
IN SERVICE**

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

Model: SR22  
S/N: 3681  
Reg. No: N531CC



**CORPORATE**  
FLIGHT MANAGEMENT

276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

Date: 01 Dec 2015  
TAT: 452.5  
Hobbs: 300.3

**Airframe**

**Inspections Accomplished:**

- Complied with Airframe Annual Inspection Ref AMM 5-00.
- Reweighed fire extinguisher Ref AMM 26.
- Complied with ELT inspection Ref FAR 91.207(d). Battery expires: **Sep 2016**
- Serviced No 1 battery Ref AMM 24.
- Complied with Precise Flight Oxygen System ICA's Ref STC instructions.

**ADs Accomplished:**

- Researched ADs through 01-Dec-2015; none are due at this time.

**Maintenance Accomplished:**

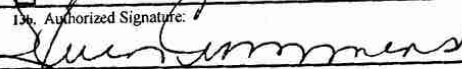
- Removed peeling double sided tape from left wing root fair lower side and replaced with new double sided tape Ref AC43.13-1B.
- Removed bolt and nut from left aileron attach point and replaced with new bolt P/N AN3H22A and AN364-10312 Ref AMM 27-10.
- Removed, cleaned, inspected and re-installed right brake caliper with new O-rings P/N M83461-1-222 and temp placards P/N 51698-001 and 51698-003 Ref AMM 32-00.
- Removed worn left grommet and replaced with new grommet P/N 16937-002 and installed washer NAS1149D0632J to attain proper gap Ref AMM 32-00.
- Removed worn bolt from left and right exhaust collector and replaced with new bolts P/N AN4C32 Ref AMM 78-00.

I certify the airframe identified above was inspected in accordance with an annual type inspection, as required by FAR 91.409(f)(1), found to be airworthy, and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No JWN256.

Signed: *Robert Martin*  
For: Corporate Flight Management, Inc.

**Certified Repair Station No FJTR920D**

Form CFM 007

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 9738070811	
4. Organization: <b>GARMIN International 1200 E 151st Street Olathe, KS 66062</b>				TSOA production approval number <b>PT3742CE</b>		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	5. Work Order/Contract/Invoice Number: 97380708	
1.	GDC74A HIRF, Unit Only	010-00336-10 (Includes 011-00882-10)	1	20820493	11. Status/Work: NEW	
12. Remarks Airworthiness Approval  TSO C106, ETSO C106						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				14a. <input 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.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA-240087-CE		14b. Authorized Signature: N/A		
13d. Name (Typed or Printed): <b>Steven Cummins</b>		13e. Date (dd/mm/yyyy): 01/Jul/2015		14c. Approval/ Certificate No.: N/A		
				14d. Name (Typed or Printed): N/A		
				14e. Date (dd/mm/yyyy): N/A		
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1						
Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certificate issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						



# CFM COMPONENT CONTROL TAG

2001

☒ FAR 145 CRS# FJTR920D

☐ FAR FAR 135 FJTA920D

☐ FAR Part 43

INSTALLED ON 531LL		TT 413.5 Hobby		CYC 269.0 <del>FLIGHT</del>		WORK PACKAGE C72753	
SERVICEABLE DATA				REMOVED DATA			
P/N ON 010-00882-10				P/N OFF 011-00882-10			
S/N ON 20620493				S/N OFF 2060886			
DESC GDL74A				REMOVED FROM 531LL			
ATA 34		TSN 0		TSO		POSITION 1	
MOD STATUS		CSN 0		CSO		STATION MAY	
<input checked="" type="checkbox"/> NEW <input type="checkbox"/> OVERHAUL <input type="checkbox"/> REPAIR <input type="checkbox"/> BENCH CHECK				REMOVED FOR <input type="checkbox"/> SCHD <input type="checkbox"/> T/SHOOT <input checked="" type="checkbox"/> REPAIR			
<input type="checkbox"/> CONT TIME <input type="checkbox"/> OTHER				<input type="checkbox"/> CONV <input type="checkbox"/> PIREP <input type="checkbox"/> OTHER			
COMMENTS:				REASON intermittent fail			
DATE RCVD 7-2-15		STA MAY		PURCHASE ORDER # P5705			
VENDOR Garmin		SHELF LIFE DUE					
ACCEPTED BY  1213				Removed By BJS 1337		Date 7/6/15	



# CFM COMPONENT CONTROL TAG

☒ FAR 145 CRS# FJTR920D

☐ FAR FAR 135 FJTA920D

☐ FAR Part 43

INSTALLED ON <b>N531CC</b>		TT <b>399.7</b>	CYC <b>760.2</b>	WORK PACKAGE <b>CIR 729</b>
SERVICEABLE DATA			REMOVED DATA	
P/N ON <b>011-00779-10</b>			P/N OFF <b>011-00779-10</b>	
S/N ON <b>89122967</b>			S/N OFF <b>89170341</b>	
DESC <b>Transponder</b>			REMOVED FROM <b>N531CC</b>	
ATA <b>34</b>	TSN	TSO <b>0</b>	POSITION <b>only</b>	
MOD STATUS	CSN	CSO <b>0</b>	STATION <b>may</b>	
<input type="checkbox"/> NEW <input checked="" type="checkbox"/> OVERHAUL <input type="checkbox"/> REPAIR <input type="checkbox"/> BENCH CHECK			REMOVED FOR <input type="checkbox"/> SCHD <input type="checkbox"/> T/SHOOT <input type="checkbox"/> REPAIR	
<input type="checkbox"/> CONT TIME <input type="checkbox"/> OTHER			<input type="checkbox"/> CONV <input type="checkbox"/> PIREP <input checked="" type="checkbox"/> OTHER	
COMMENTS:			REASON <b>Fail message</b>	
DATE RCVD <b>5-21-15</b>	STA <b>MAR</b>	PURCHASE ORDER # <b>P5509</b>		
VENDOR <b>Garmin</b>	SHELF LIFE DUE			
ACCEPTED BY <b>[Signature]</b> <b>1213</b>			Removed By <b>[Signature]</b> <b>1250</b>	Date <b>21 May 2015</b>

**AUTHORIZED RELEASE CERTIFICATE**  
**FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**

GARMIN International 1200 E 151st Olathe, KS 66062

Certificate No. G6XR582Y

3. Form Tracking Number

SO # 3883188

5. Work Order/Contract/Invoice Number

SO # 3883188

11. Status/Work  
OVERHAULED

8. Part Number:  
011-00779-10

9. Quantity: 1  
10. Serial Number:  
89122967

1. Approving Civil Aviation  
Authority/Country:  
FAA/UNITED STATES

4. Organization Name and Address:

6. Item: 7. Description:

1. GTX33 Non-Diversity Enhanced

12. REMARKS

This unit is Newly Overhauled. It has been analyzed, reworked, tested, and conforms to the Newly Overhauled process set forth by Garmin.  
This unit complies with this Service Bulletin 1240. It is the responsibility of the Installer to verify that the installation complies with the previous listed Service Bulletins.  
This unit complies with MOD 1 per Garmin's Service Bulletin No. 0624.  
This unit complies with MOD 2 per Garmin's Service Bulletin No. 0710.

Operating software for this unit must be reloaded using the approved aircraft system software once the unit is reinstalled in the aircraft in order to complete the return to service process. Correct loading of this software can be verified by referring to the appropriate avionics/line maintenance manual.

This "Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is ready for release to service under EASA Part-145 Approval Number. EASA 145.5534". The work that was performed on this unit was done to meet the requirements of the maintenance manual part number 190-00364-00 Rev. AK, Revision Date 7/2/2014. Reference: 010-N0267-10 is the Garmin stocking/shipping part number for the 011-00779-10 unit that was processed.

All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original factory warranty from the original purchase date, whichever is longer.

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in condition for safe operation  
☐ Non-approved design data specified in block 12

14a. ☐ 14 CFR 43.9 Return to Service

☐ Other regulations specified in Block 12

Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 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.

13b. Authorized Signature

N / A

13c. Approval/Authorization No.:

N / A

14b. Authorized Signature:

Donald Maddox

14c. Approval/Certificate No.:

G6XR582Y

13d. Name (Typed or Printed)

N / A

13e. Date (dd/mm/yyyy)

N / A

14d. Name (Typed or Printed)

Donald Maddox

14d. Date (dd/mm/yyyy)

13 May 2015

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1.

Statements in Block 13a and 14a 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.

\* Installer must cross-check eligibility with applicable technical data.