

**AIRFRAME**

**LOGS**



PPG Industries, Inc.  
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC37121

COLOR

COLOR

CLEAR

F3905

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp. MODEL SR22 DATE OF MFG. April 2008

SERIAL NUMBER 2999 REGISTRATION NUMBER N8AE

REGISTERED OWNER Aced Aviation LLC

STREET ADDRESS 3151 E Thomas St

CITY, STATE, ZIP Inverness, FL 34453

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-N	R L 691542
ENGINE			R
PROPELLER	Hartzell Propeller Inc.	PHCJ31F-IN	L FP6458B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

# MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION


3/19/08

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES  
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE

CDC  on 3 / 19 / 08 .

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 T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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## Life Limited Parts SR22

PART NAME	PART NUMBER	S/N	EXPIRES
CAPS Rocket Motor	21814-001	S/N <u>4122</u>	<u>2/18</u>
CAPS Parachute	20331-001	S/N <u>03363</u>	<u>02/18</u>
CAPS Reefing Line Cutters	521	LOT <u>T0507M</u> <u>3-047</u>	<u>12/13</u>
Oxygen Bottle Assembly	100N0020-	MFG Date <u>10-07</u>	<u>10/2022</u>
ELT Battery Pack	452-6504	Date Installed <u>03/2008</u>	<u>05/2013</u>
EMA Controiler, AAIR	20902-001	S/N <u>235an08-33</u>	<u>04/2022</u> <u>5/11/2015</u>
Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 320U 20614</u>	Per 12-1 S/A <u>02/11/2018</u>
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 320U 20727</u>	Per 12-1 S/A <u>02/11/2018</u>

UPDATED  
BELOW

# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
--------------	-------------	---------------	-------------------------	-------------------------	----------------------	--------------------	------------------

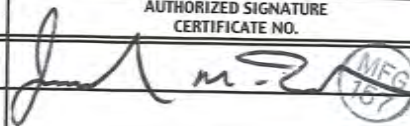
## Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	21814-001	S/N <del>1122</del>	<del>2/18</del>
CAPS Parachute	20331-001	S/N <del>3363</del>	<del>02/18</del>
CAPS Reefing Line Cutters	5212	LOT T0507M 003-047	12/13
Oxygen Bottle Assembly	100N0020-4	MFG Date 10-07	10/2022
ELT Battery Pack	452-6504	Date Installed 03/2008	05/2013
EMA Controller, AAIR	20902-001	S/N 23 Jan 08-33	04/2022 <del>5/10/2015</del>
Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI 320U 20614	Per 12-1 STA <del>02/11/2018</del>
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI 320U 20727	Per 12-1 STA <del>02/11/2018</del>

See log book  
entry dates  
03-21-2018  
09-2019

02/2020  
12yr.  
02/2020

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

BULL. NO.	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		04-03-2008 10.9	<p>Searched AD's through bi-weekly issue <u>2008-07</u>. All AD's are in compliance at this time.</p>			

MAKE: Cirrus  
 MODEL: SR22 G3  
 S/N: 2999  
 REG. NO: SAE  
 WORK ORDER:  
 11059-04-2008



### Cirrus Design Factory Service Center

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

DATE: 4/9/2008  
 A/C TSN: 11.8  
 HOBBS: 11.8

### AD Entries

(2) Researched AD 2008-06-28 awdyne Corporation PFDs. PFD S/N 20034078 requires no further action as per instructions for A.D. 2008-06-28. Searched Airworthiness Directives thru bi-weekly 2008-07 and Cirrus MSBs thru 4/9/08, none due at this time.

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: 4/9/2008

SIGNED:

  
 Mitch Knase  
 Certified Repair Station No. YD5R855Y

Work Order: 11059-04-2008

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# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY      CERT. NO.
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MODEL Cirrus SR-22  
 S/N 2999  
 REG. NO. N5AE

ORLANDO AVIONICS CORP., DBA

**Aircraft SERVICES**  
EXECUTIVE AIRPORT • P.O. BOX 140741  
 ORLANDO, FL 32814  
 TELEPHONE: (407) 894-9963

DATE 7/2/10  
 T.T. —  
 HOUR/M 645.6

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

- 1) The static pressure system was tested on 7/2/10
- 2) The altimeter (s) instrument was / were tested to 35,000 ft. on 7/2/10 (pilot/co-pilot)
- 3) The automatic pressure altitude reporting system was tested to 35,000 ft. on 7/2/10

ORLANDO AIRCRAFT SERVICES  
 FAA Approved Repair Station # TP4R552M  
 601 Humphries Avenue  
 Orlando, FL 32803 (407) 894-9963

*all well*

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make Cessna Model 672-327 S/N 83729701  
 Make N/A Model \_\_\_\_\_ S/N \_\_\_\_\_  
 Details of this inspection are on file at this repair station under W/O 111501 Date 7/2/10

ORLANDO AIRCRAFT SERVICES  
 FAA Approved Repair Station # TP4R552M  
 601 Humphries Avenue  
 Orlando, FL 32803 (407) 894-9963

*all well*

# RADIO & ELECTRONIC CHECKS

E	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECK SIGNATURE
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**Sarasota Avionics**  
INTERNATIONAL

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

Date: 7/25/2012; Aircraft: N8AE; Type: CIRRUS SR22; S/N: 2999; Hobbs: 1200.00; Tach: 0.00

Pilot Altimeter (United 5934AD-3 SN467818, EX5000 SN 20034078 ) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment (ACK A30 SN111903) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14CFR91.217 (b). The transponder (GTX327 SN83729701 ) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14CFR 91.411

WO #20339

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

ORLANDO AVIONICS CORP., DBA

# ORLANDO Aircraft SERVICES

EXECUTIVE AIRPORT • P.O. BOX 140741  
 ORLANDO, FL 32814  
 TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

FAA APPROVED REPAIR STATION TP4R552M

Std. Alt.	Error	± Tol	
-1000	∅	20	
0	∅	20	
500	+10	20	
1000	+10	20	
1500	+10	25	
2000	+10	30	
3000	+10	30	
4000	+10	35	
6000	+10	40	
8000	+10	60	
10000	+10	80	
12000	+10	90	
14000	+10	100	
16000	+10	110	
18000	+10	120	
20000	+10	130	
22000	+10	140	
25000	+20	155	
30000	+20	180	
35000	+25	205	
40000	~	230	
45000		255	
50000		280	
Before Test		∅	
After Test		∅	
Error ± 30	∅		
Up Reading	DN Reading	Error	Tol
14010	14010	∅	±75
18010	18010	∅	±75

This altimeter p/n Exp-5000 (700-00006-000) s/n 2003407Y

was functionally tested in accordance with FAR 43, App. E

by:  Date: 7/2/10

ORLANDO AVIONICS CORP., DBA

ORLANDO

**Aircraft**

SERVICES 

EXECUTIVE AIRPORT • P.O. BOX 140741  
ORLANDO, FL 32814

TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

FAA APPROVED REPAIR STATION TP4R552M

Std. Alt.	Error	± Tol
-1000	-10	20
0	0	20
500	0	20
1000	+10	20
1500	0	25
2000	0	30
3000	0	30
4000	-10	35
6000	-20	40
8000	-50	60
10000	-50	80
12000	-70	90
14000	-80	100
16000	-70	110
18000	-60	120
20000	-10	130
22000	+20	140
25000	+40	155
30000	+60	180
35000	+70	205
40000	~	230
45000	~	255
50000	~	280

Before Test	0
After Test	+20
Error ± 30	+20

Up Reading	DN Reading	Error	Tol
13920	13960	+40	±75
17940	17980	+40	±75

This altimeter p/n UNITED 5934AD-3 s/n 2586

was functionally tested in accordance with FAR 43, App. E

by: 

Date: 7/2/10

Work Order: **20339**

Date: **7-26-2012**

Barometric Press: **30.63**

Start Log Test Date: **7-25-2012**

Alt No: **64500 PFD**

SN: **AK3707A**

Alt Number: **1746**

Unit ID: **UN1100 573940-3**

SN: **467810**

Pressure Absolute Difference

Pressure (inches of Hg)	PSI	Absolute Difference (ft)	Correct
28.00	N/A	-172	-1720
28.00	N/A	-172	-1720
28.00	-850	0	-800
28.00	-380	-20	-390
28.00	+20	0	+20
30.50	1500	0	0
30.50	+900	0	+900
30.50	1785	0	+960

Scale Error Test

Altitude Test	PSI Error	Tolerance in feet	Correct Error
1000	N/A	0	N/A
0	20	0	20
200	10	0	0
1500	20	20	10
1000	20	30	20
1000	20	30	20
1000	10	35	0
1000	20	40	-10
1000	10	50	-40
10000	20	60	-60
10000	20	70	-60
10000	10	100	-80
10000	20	110	-70
10000	20	120	-40
10000	20	130	-20
10000	20	140	0
10000	0	144	20
10000		148	
10000		155	
10000		160	

Preliminary Inspection

Preliminary Inspection Completed With:

Malfunction (Describe symptoms) Corrected with: **DP-5A**

Inspection Method: **NGND**

Inspected by: **JR** Date Inspected: **7-25-12**

Inspection Station: **TESCO INC 2700 91911 91913**

Inspected by: **JR** Date Calibrated: **7-25-12**

Pressure Test

Altitude Test	PSI	Tolerance feet	Correct
1000		470	2.08
2000		70	3.0
3000		70	2.0
4000		70	2.0
5000		60	-2.0
6000		60	-2.0
7000		100	1.0
8000		100	4.0
9000		100	
10000		100	
11000		100	
12000		100	
13000		100	

Test Tolerances

Test	PSI	PSI Error	Correct Error
Deep Leak Test	1000	0	0

15000  
20000

Std Alt	Error	+ Test
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MODEL SR-22  
S/N 2999  
REG. NO. N8AE

ORLANDO AVIONICS CORP., DBA

ORLANDO

**Aircraft SERVICES**

EXECUTIVE AIRPORT • P.O. BOX 140741  
ORLANDO, FL 32814  
TELEPHONE: (407) 894-9963

DATE 4/9/15  
T.T. \_\_\_\_\_  
HOUR/M 1786.3

Y:  
RT. NO.

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

1) The static pressure system was tested on 4/9/15

2) The altimeter (s) instrument was / were tested to

251000 ft. on 4/9/15 (pilot/co-pilot)

3) The automatic pressure altitude reporting system

was tested to 25,000 ft. on 4/9/15

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894 - 9963

The ATC Transponder Test and inspections 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 83729701

Make N/A Model \_\_\_\_\_ S/N \_\_\_\_\_

Details of this inspection are on file at this

repair station under W/O 115663 Date 4/9/15

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894 - 9963

# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 2999  
REG. NO: 8AE  
WORK ORDER:  
11059-04-2008



### Cirrus Design Factory Service Center

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

DATE: 4/9/2008  
A/C TSN: 11.8  
HOBBS: 11.8

### Airframe Entries

(3) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 and 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: 4/9/2008

SIGNED:

  
Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 11059-04-2008

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**MAINTENANCE RECORD**  
**F.A.R. 439**



5/8/2008  
4701 NE 40<sup>th</sup> TERACE  
GAINESVILLE FL 32609

N: 8AE  
MAKE: CIRRUS  
MODLE: SR-22  
S/N: 2999  
TACH: 24.9  
W/O#:

- 1) Complied With all Cirrus mandatory 25 hour service requirements per chapter 5 of the SR22 MM
- 2) Adjusted cabin fresh air and heat control doors
- 3) Attached left lower cowling gasket

R Scott Lambert AP 3300566

A handwritten signature in blue ink, appearing to read "R Scott Lambert", is written over the printed name.



**University Air Center**

7/20/2008  
4701 NE 40<sup>th</sup> TERACE  
GAINESVILLE FL 32609







N: 8AE  
MAKE: CIRRUS  
MODLE: SR22  
S/N:  
TACH: 48.5  
W/O#:

- 1) Complied with all equipments of a Cirrus 50 hour inspection
- 2) Adjusted nose wheel break away tension
- 3) Cleaned right inboard TKS panel per tech support and ran TKS for 15 minutes to get proper flow from right inboard panel

R Scott Lambert AP 3300566

A handwritten signature in blue ink, appearing to read 'R. Lambert', is written over the printed name.

# 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
 AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803  Wednesday, 27 August, 2008	 N 8AE S/N 2999 MODEL: SR22	TACH: 58.5 HOBBS: 79.4  REMOVED ROLL TRIM MOTOR PN 11796-005 SN 378 AND INSTALLED ROLL TRIM MOTOR PN R9414 SN 10. OPS CHECK FOUND GOOD.	<div style="text-align: right; font-size: 2em; font-family: cursive;"> <i>Paul J Stern</i>                          PAUL J STERN                          A&amp;P 3078823                     </div>
 AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803  Wednesday, 1 October, 2008	 N8AE S/N 2999 MODEL: SR22 Turbo	TACH: 78.7 HOBBS: 102.7  REMOVED TURN CORDINATOR/ROLL COMPUTER PN 12733-001 SN L07-1123 AND INSTALLED NEW PN 12733-001S SN 0428-15756G.---END---	<div style="text-align: right; font-size: 2em; font-family: cursive;"> <i>Paul J Stern</i>                          PAUL J STERN                          A&amp;P 3078823                     </div>
 AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803  Thursday, 30 October, 2008	 N8AE S/N 2999 MODEL: SR22 Turbo	TACH: 105.4 HOBBS: 131.9 MODEL: SR22 Turbo  CIRRUS MAINTENANCE 100 HR INSPECTION 1) PERFORMED 100 HR INSPECTION IAW CIRRUS MAINT CHECKLIST USING THE CIRRUS SR22 100 HR CHECKLIST AS A GUIDE 2) REMOVED ROLL TRIM MOTOR PN 05-05-80050-736 SN 10 AND INSTALLED ROLL TRIM MOTOR PN 12546-903 SN 935 3) REMOVED AND SERVICED RH AND LH BRAKE CALIPERS WITH NEW HI-TEMP ORINGS PN M83461-1-222 BLEED BRAKES	<div style="text-align: right; font-size: 2em; font-family: cursive;"> <i>Paul J Stern</i>                          PAUL J STERN                          A&amp;P 3078823                     </div>

REPAIR DEVIATION / ALTERATION

CIRRUS DESIGN CORPORATION

4515 Taylor Circle Duluth, MN 55811

SHT 1 / 1

- REPAIR  
 ALTERATION

MODEL AND EFFECTIVITY

FIELD ALTERATION:  
SR22-2999

SUBJECT

REMOVE AND REPLACE ROLL TRIM MOTOR ASSEMBLY.

<b>PARTS MADE DISPOSITION</b>		<b>PROJ. ENGR.</b> <i>[Signature]</i>	<b>WT.</b>	<b>Rd By</b> M. NYHCLM	<b>CHG. MINOR</b>	<b>FAA PROJECT NO.</b> N/A <b>DEVIATING SPARE</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. MAY BE REWORKED		<b>SUPV.</b>	<b>CHK.</b> <i>[Signature]</i>	<b>ORIG. GP.</b> SUSTAINING	<b>CLASS DER PRELIM</b> <i>611c</i>	
2. RECORD	X	<b>STRESS</b> <i>MA</i>	<b>COG. ENGR.</b> <i>[Signature]</i>		<b>TC:</b> A00009CH	
<b>DOCUMENT/PART NO.</b>		<b>CHANGE LETTER</b>	<b>DESCRIPTION</b>			
12546		E	ROLL TRIM MOTOR ASSEMBLY			16964

GENERAL REQUIREMENTS.

- >>> CAUTION: READ REPAIR INSTRUCTIONS COMPLETELY AND THOROUGHLY BEFORE ATTEMPTING ACCOMPLISHMENT OF THIS REPAIR.
- FOLLOW PRACTICES DEFINED IN DOCUMENT 13773-001, "SR22 AIRPLANE MAINTENANCE MANUAL" (AMM), CHAPTER 27.
- TAKE EXTREME CARE TO PREVENT DAMAGE TO STRUCTURE OR FLIGHT CONTROL COMPONENTS.

TO BE ACCOMPLISHED BY CDC FACTORY:

- ASSEMBLE ROLL TRIM ASSEMBLY P/N 12546-003. UTILIZE "ROLL TRIM MOTOR" PART NUMBER 11796-006 INSTEAD OF PRODUCTION P/N 11796-005. OBTAIN 11796-006 MOTOR FROM PRODUCTION STOCK ROOM.
- DENOTE ON ASSEMBLY REPAIR NUMBER "R9414."

TO BE ACCOMPLISHED BY SERVICE CENTER:

- REMOVE 12546-003 "ROLL TRIM MOTOR ASSEMBLY" FROM LH WING PER AMM 27-10, "REMOVAL - ROLL TRIM MOTOR ASSEMBLY."
- INSTALL R9414, "ROLL TRIM MOTOR ASSEMBLY" TO LH WING PER AMM 27-10, "INSTALLATION - ROLL TRIM MOTOR ASSEMBLY."

REASONS AND REMARKS

REMOVE EXISTING ROLL TRIM MOTOR ASSEMBLY AND REPLACE WITH NEW ASSEMBLY CONTAINING ROLL TRIM MOTOR P/N 11796-006. NEW ASSEMBLY SHOWS FAVORABLE RESULTS IN DAMPENING ROLL OSCILLATION IN AUTOPILOT SYSTEM.

CHG. CONT.

RELEASE STAMP IT

Control

AUG 15 2008

Release

GJK



# MAINTENANCE RECORD

## F.A.R. 439



AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803




N8AE  
S/N 2999  
SR22

TACH: 184.2  
HOOB: 223.7

Monday, 16 February, 2009

### AIRFRAME

BOTH MAIN TIRES REPLACED P/N 301-249-438, INNERTUBE  
P/N 097-500-0.

  
JORGE RUSSIAN  
AP 6228275

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE



AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE  
S/N 2999  
MODEL: SR22 Turbo


TACH: 208.9

Monday, 6 April, 2009

### CIRRUS MAINTENANCE 200 HR INSPECTION


- 1) COMPLIED WITH 200 HR INSPECTION IAW WITH THE CIRRUS MAINTENANCE PROGRAM USING THE CIRRUS SR-22 100 HR CHECKLIST AS A GUIDE
- 2) SERVICED RH AND LH BRAKE CALIPER WITH NEW HI TEMP ORINGS  
PN M83461-1-222 BLED BRAKES
- 3) REPLACED RH WING TIP DECAL PN 12343-436-WTRH

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED  
IAW THE CIRRUS MAINTENANCE PROGRAM 200 HR  
INSPECTION FOUND TO BE IN AIRWORTHY CONDITION  
AND RETURNED TO SERVICE

  
CLIFF IVIE  
A&P 2844370

# MAINTENANCE RECORD

F.A.R. 43.9

 AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE  
S/N 2999  
SR22


TACH: 184.2  
HOOB: 223.7

Monday, 16 February, 2009

## AIRFRAME

BOTH MAIN TIRES REPLACED P/N 301-249-438, INNERTUBE P/N 097-500-0.

  
JORGE RUSSIAN  
A# 5228275

 AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE  
S/N 2999  
MODEL: SR22 Turbo


TACH: 208.9

Monday, 6 April, 2009

## CIRRUS MAINTENANCE 200 HR INSPECTION

- 1) COMPLIED WITH 200 HR INSPECTION IAW WITH THE CIRRUS MAINTENANCE PROGRAM USING THE CIRRUS SR-22 100 HR CHECKLIST AS A GUIDE.
- 2) SERVICED RH AND LH BRAKE CALIPER WITH NEW HI TEMP ORINGS PN M83461-1-222 BLED BRAKES.
- 3) REPLACED RH WING TIP DECAL PN 12343-436-WTRH

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW THE CIRRUS MAINTENANCE PROGRAM 200 HR INSPECTION FOUND TO BE IN AIRWORTHY CONDITION AND RETURNED TO SERVICE

  
CLIFF IVIE  
A&P 2844370

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

# MAINTENANCE RECORD

F.A.R. 43.9

**LEADING EDGE**  
AVIATION SERVICES, INC.  
Tampa, FL



Date: 4/21/2009; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 279.6; Tach: 235.1; Total Time: 235.1

- Annual inspection completed per Cirrus AMM section 5-20.
- Removed cowling, wing access panel, wing tips, landing gear fairing's, and interior.
- Removed muffler shroud for inspect and reinstalled
- Lubed aircraft per Cirrus AMM.
- Inspected wings, fuselage, and flight controls.
- Removed wheels, greased bearings, and reinstalled.
- Removed #1 Battery, inspected, serviced, charged and reinstalled.
- Replaced #2 Batteries inspected, charged and installed.
- Removed and replaced brake caliper O-rings and bleed brake system as required.
- Adjusted nose wheel tension as required per Cirrus AMM.
- Stop drilled cracks on engine baffle as needed.
- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement MAY 2013
- Removed fire extinguisher, inspected and found to be within manufacturers specifications at 522 grams.
- Complied with first Annual inspection, Engine mount weldment and lower attach point torque inspection.
- Replaced right and left Entry Grab handles P/N 10690-002.
- Refinished areas on elevators, flaps, fuselage, cowlings and buffed.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Verified AD compliance through bi-weekly issue 2009-07.
- AD2008-06-28 , AD2008-06-28 R1 and AD2009-05-05 N/A by S/N.
- Performed post inspection operational check of aircraft systems, all functioning normal at this time.

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.

Christopher Reeves  A&P 492701868/A  
6582 Eureka Springs Rd. Tampa, FL 33610  
Tampa Executive Airport (KTPX) 813 626 1515

## 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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# LEADING EDGE

AVIATION SERVICES, INC.

**Tampa, FL**



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 4/21/2009; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 279.6; Tach: 235.1; Total Time: 235.1

Removed and replaced Alt #1 field control module P/N 14605-003. Reference Cirrus AMM.

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.

Chris Sampson A&P 3254789  
6582 Eureka Springs Rd, Tampa, FL 33610  
Tampa Executive Airport (KTPX) 813 626 1515



AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE TACH: 309.1  
S/N 2999 HOBBS: 358.6  
MODEL: SR22 Turbo

Tuesday, 23 June, 2009

### CIRRUS MAINTENANCE 300 HR INSPECTION

- 1) COMPLIED WITH 300 HR INSPECTION IAW WITH THE CIRRUS MAINTENANCE PROGRAM USING THE CIRRUS SR-22 100 HR CHECKLIST AS A GUIDE.
- 2) DRAINED AND CLEANED GASCUATOR FILTER AND BOWL.
- 3) DRAINED ENGINE OIL. CLOSED DRAIN. REMOVED OIL FILTER AND INSPECTED FILTER ELEMENT. NO DEFECTS NOTED. INSTALLED NEW FILTER PN CH48108-1 AND SAFETY WIRED. SERVICED ENGINE WITH 8 QTS AS 15W50 OIL.

C. WILSON  
A&P 3114515



AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE TACH: 408.3  
S/N 2999 HOBBS: 462.0  
MODEL: SR22 Turbo

Thursday, 15 October, 2009

### CIRRUS MAINTENANCE 400 HR INSPECTION

- 1) PERFORMED 400 HR INSPECTION IAW CIRRUS MAINT CHECKLIST USING THE CIRRUS 100 HR CHECKLIST AS A GUIDE.
- 2) REMOVED AND REPLACED MAIN BATTERY WITH NEW G243.
- 3) ALL WORK DONE IAW CIRRUS MAINTENANCE MANUALS.
- 4) NO DEFECTS NOTED. AIRCRAFT RETURNED TO SERVICE.

PAUL J STERN  
A&P 3078823

## 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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AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE TACH: 442.9  
S/N 2999 HOBBS: 492.4  
MODEL: SR22 Turbo

Tuesday, 17 November, 2009

### AIRFRAME

REMOVED AND REPLACED RH AND LH MAIN TIRES WITH NEW PN 301-249-438. SERVICED WITH AIR AS REQUIRED.

CHARLES WILSON  
A&P 3114515



AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803



N8AE TACH: 460.4  
S/N 2999 HOBBS: 509.8  
MODEL: SR22 Turbo

Friday, 11 December, 2009

### CIRRUS MAINTENANCE 50 HR INSPECTION

- 1) PERFORMED 50 HR INSPECTION IAW CIRRUS MAINT CHECKLIST
- 2) REMOVED AND REPLACED CHT #2 CYL PROBE WITH NEW.
- 3) ALL WORK DONE IAW CIRRUS MAINTENANCE MANUALS.
- 4) NO DEFECTS NOTED. AIRCRAFT RETURNED TO SERVICE.

PAUL J STERN  
A&P 3078823







## 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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ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
 LOG ID# 7445 02-November-2011 WO# 112728 HOBBS 1024.5 Pg 1 / 1  
 N8AE S/N 2999 CIRRUS SR22 TACH 975.3

REPLACED LANDING LIGHT LAMP P/N 20247-201 AND ENGINE COMPARTMENT GASALATOR DRAIN P/N 440200. OPS  
 CHECK ON LIGHT AND LEAK, CHECK ON FUEL DRAIN CHECKED GOOD.

*Albert Rodriguez* 11/02/11  
 A&P 2630954 ALBERTO RODRIGUEZ Date



AOA Maintenance LLC  
 319 N Crystal Lake Dr  
 Orlando Florida 32803



N8AE TACH: 1009.6  
 S/N 2999 HOBBS: 1058.8  
 MODEL: SR22 Turbo

Thursday, 26 January, 2012

**AIRFRAME:**  
 RH MLG TIRE FLAT:

REMOVED AND REPLACE TIRE.  
 REMOVED AND REPLACED INNER TUBE.  
 SERVICED BEARINGS WITH GREASE.

ALL WORK PERFORMED IAW AMM.

*R. Choda*  
 RAJIV CHODA  
 AP3501777

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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5 APR 08 10.9

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

Name: Frank Mathews Date 5 APR 08  
 Signature: *Frank Mathews*

Title: Production Flight Test Pilot

8 APR 2008 10.9 HRS

I find that the aircraft meets the requirements for the  
 certification requested and have issued an U.S. Standard  
 Airworthiness Certificate dated April 1 / 08 / 2008.  
 The next inspection is due April / 30 / 2009.

*Troy J McDonald*

Troy J. McDonald  
 ODARF-405228-CE

INSPECTION RECORD  
F.A.R. 43.11-91.400

**LEADING EDGE**

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 8/03/2012; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1199.7; Tach: 1150.8; Total Time: 1150.8

- 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 per Cirrus AMM section 5-20.

- Complied with Tornado Alley Turbo Inc. Instructions for Continued Airworthiness document # 22-64600004 Rev A.

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

- Verified AD compliance through bi-weekly issue 2012-10.

- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement 04/2013.

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

- Removed and replaced both brake rotors with new PN 164-02504.

- Removed & replaced NLG tire & tube with new.

- Complied with **SB 2X-27-16 R1** by installation of kit 70255-002.

- Complied with **SB 2x-57-13 R2**, torque inspection of the main landing gear attach brackets IAW SB instructions.

- Apply ACF 50 treatment to all flight controls as recommended.

①

INSPECTION RECORD  
F.A.R. 43.11-91.409

Tampa, FL

AUTHORIZED SERVICE CENTER

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.

Paul Stern  A&P 30788231A  
6582 Eureka Springs Rd, Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 626 1515

**LEADING EDGE**

AVIATION SERVICES, INC.

Tampa, FL



AUTHORIZED SERVICE CENTER

Date: 8/03/2012; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1199.7; Tach: 1150.8

- Removed Prop PN PCH-J3YF-1N SN FP6458B and Installed servicable prop PN PHC-J3YF-1N SN FB6754B. Prop TT: 614.0 Hrs.

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

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

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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**LEADING EDGE**  
AVIATION SERVICES, INC.  
**Tampa, FL**



Date: 10/01/2012; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1257.3; Tach: 1208.5; Total Time: 1208.5

-Removed Prop PHC-J3YF-1N SN FP6754B TT: 671.7 and Installed resealed prop PN PHC-J3YF-1N SN FP6458B . Prop TT: 1,150.8

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
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**LEADING EDGE**  
AVIATION SERVICES, INC.  
**Tampa, FL**



Date: 10/02/2012; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1257.3; Tach: 1208.5; Total Time: 1208.5

-Removed and replaced co-pilot cup holder with new. PN 51179-001

-Removed & replaced CHT #2 & #5 probes with new.

-Installed new #1 battery Concorde RG24-15M IAW STC # SA01304WI per Concorde Master Drawing List Dwg. No. 5-0244, Rev. A, dated September 7, 2011, FAA approved February 1, 2005, amended March 5, 2012 and Concorde Instructions for Continued Airworthiness, Concorde Valve Regulated Lead-Acid Main Battery, Dwg. No. 5-0142, Revision H, dated June 24, 2003. No change to weight & balance. Form 337 completed. S/N 40511774

-Serviced TKS reservoir. Purged air from system as required. Performed panel wet out.

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

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

 AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803

A/C: N8AE  
S/N 2999  
MODEL: SR22

TACH: 1244.0  
HOBBS: 1292.7

11/08/2012

**AIRFRAME:**

**REMOVED AND REPLACED LH MLG TIRE.**

**NO FURTHER DEFECTS NOTED.**

  
CHARLES WILSON  
IA 3114515

 AOA Maintenance LLC  
319 N Crystal Lake Drive  
Orlando Florida 32803

A/C: N8AE  
S/N 2999  
MODEL: SR22

TACH: 1244.0  
HOBBS: 1292.7

11/08/2012

**AIRFRAME:**

**RH UPPER MLG FAIRING IS DAMAGED.**

**REMOVED AND REPLACED. INSTALLED P/N 18139-002.**

**NO FURTHER DEFECTS NOTED.**

  
CHARLES WILSON  
IA 3114515

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

AOA Maintenance  
319 N Crystal Lake Drive  
Orlando, FL 32803

N8AE  
SN: 2999  
Model: SR 22  
Tach: 1108.4  
06/15/2012

**AIRFRAME**

Removed and replaced Air conditioning driveshaft hub assy with Enviro A/C adapter kit PN: 1133180-1.

  
Charles Wilson  
3114515 IA



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

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

TraxAir

TRAX AIR, LLC  
3122 EAST AMELIA ST  
ORLANDO, FL 32803

**A/C: N8AE**  
**S/N 2999**  
**MODEL: SR22**

07/19/2013

**AIRFRAME:**

**REMOVED AND REPLACED AFT RH BOSE HEADSETS  
RETAINER RING.**  
**NO FURTHER DEFECTS NOTED.**

*C. Wilson*

CHARLES WILSON  
AP 3114515

TraxAir

TRAX AIR, LLC  
3122 EAST AMELIA ST  
ORLANDO, FL 32803

**A/C: N8AE**  
**S/N 2999**  
**MODEL: SR22**

**TACH: 1407.0**  
**HOBBS: 1455.4**

08/02/2013

**AIRFRAME:**

**REMOVED AND REPLACED LH UPPER MLG  
FAIRING. INSTALLED P/N 18139-001.**

**NO FURTHER DEFECTS NOTED.**

*C. Wilson*

CHARLES WILSON  
AP 3114515

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

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

DATE

AIRCRAFT TIME  
IN SERVICE

**LEADING EDGE**

AVIATION SERVICES, INC.

Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 9/13/2013; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1469.4; Tach: 1421.1; Total Time: 1421.1

- 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 per Cirrus AMM section 5-20.
- Complied with Tornado Alley Turbo Inc. Instructions for Continued Airworthiness document # 22-6460004 Rev C.
- Complied with Precise Flight Instructions for Continued Airworthiness document # 102NMAN00003 Rev E.
- Removed and replaced #2 batteries with new PN NP7-12-250.
- Verified AD compliance through bi-weekly issue 2013-17.
- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement Feb 2020.
- Removed and replaced brake caliper O-rings and bleed brake system as required.
- Removed and replaced the RH brake pads with new PN 066-06200.

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.


Paul Stern

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

A&P 30788231A



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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE		
		<b>Traxair</b> 3122-c E Amelia St Orlando, FL 32803  <b>Airframe:</b>  Replaced springs on pilot door latch. Op Checked good at this time	<b>A/C: N8AE</b> S/N: 2999 Model: SR22	<b>Hobbs: 1522.1</b> <b>Tach: 1473.8</b>  <b>1/17/14</b>
		 <b>John Stevens</b> <b>AP3066228</b>		

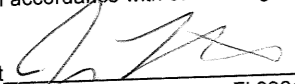
**LEADING EDGE**  
 AVIATION SERVICES, INC.  
**Tampa, FL**




Date: 2/25/2014; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1543.9; Tach: 1495.6; Total Time: 1495.6

-Performed aileron rigging adjustment per AMM section 27-10.

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

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE		
02/04/2014		<b>Traxair</b> TRAX AIR, LLC 3122 EAST AMELIA ST ORLANDO, FL 32803	<b>A/C: N8AE</b> S/N: 2999 MODEL: SR22	<b>TT: 1473.8</b> <b>TACH: 1473.8</b> <b>HOBBS: 1522.1</b> <b>MXO-14-0048</b>
		<b>AIRFRAME:</b> REMOVED AND INSTALLED LH PILOT'S DOOR UPPER AND LOWER DOOR LATCHES. ADJUSTED LOWER STRIKER TO ENSURE PROPER CLOSURE. ALL WORK PERFORMED IAW CIRRUS SR22 M/M. POST MAINTENANCE INSPECTION REVEALED NO FURTHER DISCREPANCIES. RETURNED THE AIRCRAFT TO SERVICE.		
		 <b>TREVOR HAWK</b> <b>AP3341763</b>		



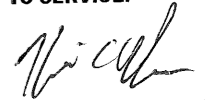
TRAX AIR, LLC  
 3122 EAST AMELIA ST  
 ORLANDO, FL 32803

**A/C: N8AE**  
**S/N: 2999**  
**MODEL: SR22**

**TT: 1502.2**  
**TACH: 1502.2**  
**HOBBS: 1550.4**  
**MXO-14-0125**

03/13/2014

**AIRFRAME:**  
 REMOVED AND REPLACED BATTERY #1 WITH NEW, P/N: RG24-15M, S/N: 40630055. INSPECTION FOUND OIL LEAK FROM AIR CONDITIONING DRIVE COUPLING. OWNER/OPERATOR INFORMED OF LOCATION. REPOSITIONED AND SECURED OIL PRESSURE SWITCH WIRING FROM RUBBING ON MCU BOX. PERFORMED DETAILED VISUAL INSPECTION ON TURBO-CHARGER AND RELATED SYSTEMS. REPLACED FOUR CLEVIS PINS IAW TORNADO ALLEY TURBO M/M. ALL WORK PERFORMED IAW CIRRUS SR22 M/M. POST MAINTENANCE INSPECTION REVEALED NO FURTHER DISCREPANCIES. RETURNED THE AIRCRAFT TO SERVICE.



**KEVIN BUSKEN**  
**AP3503049**



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

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



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

Date: 10/10/2014; Aircraft: N8AE; Type: CIRRUS SR22; S/N: 2999; Hobbs: 1671.10; Tach: 0.00

WO: 20725

Removed failed Avidyne MFD (SN: 20031048). Installed replacement Avidyne MFD (SN: 20077247). Refer FAA Form 8130 dated 16/Sep/2014.

Removed failed (2) Garmin GNS 430W (SN1: 23405701, SN2: 23405717). Units sent to Garmin for repair. Reinstalled (2) Garmin GNS 430W (SN1: 23405701, SN2: 23405717). Refer FAA Forms 8130 dated 29/Sept/2014.

Ramp check fully operational.

I certify all work done to the aircraft and /or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found airworthy for return to service with respect to the work performed. Details on file under shop order on date listed above.

for Sarasota Avionics Inc. CRS#QV0D957X

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

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



AVIATION SERVICES, INC.  
Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 10/22/2014; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1674.4; Tach: 1626.4; Total Time: 1626.4  
Removed Alt #1 Field Control Module, PN: 14605-002 and replaced with new Field Control Module, PN: 29435-002 Rev B, SN: 570, 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.

Bruce Stein A&P 2588417  
6530 Tampa Executive Airport RD. Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 621 7476



AVIATION SERVICES, INC.  
Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 12/03/2014; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 1683.0; Tach: 1635.0; Total Time: 1635.0

- Removed Alt #1 Field Control Module PN: 29435-002 Rev B, SN: 570 and replaced with new PN: 29435-002 Rev B, SN: 701.
- Adjusted RPM Detent to 2500.
- Removed and replaced #6 EGT with new PN: 16579-002.
- Removed Alternator #1 PN: ES-10024, SN: H-N110883 and replaced with new PN: ES-10024, SN: H-O099075. Ops check OK, no leaks.

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.

Bruce Stein A&P 2588417  
6530 Tampa Executive Airport RD. Tampa, FL 33610  
Tampa Executive Airport (KVDF) 813 621 7476



1. Approving Civil Aviation Authority/Country: FAA/United States	2.	<h2 style="margin:0;">AUTHORIZED RELEASE CERTIFICATE</h2> <p style="margin:0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number:  9027005
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4. Organization Name and Address:  Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax:321.751.8435) 1VAR161B	5. Work Order/Contract/Invoice Number:  9027005
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Multi-Function Display	700-00004-008	1	20028396	Repaired

12. Remarks:

1. *Repaired in accordance with Repair Manual 600-00130-004 and Temporary Revision Sheet 605-00130-000 with full details held within Returned Material Authorization 9027005.*
2. *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 considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6138*

<p>13a. <del>Certifies the items identified above were manufactured in conformity to:</del></p> <p><input type="checkbox"/> <del>Approved design data and are in a condition for safe operation.</del></p> <p><input type="checkbox"/> <del>Non-approved design data specified in Block 12.</del></p>	<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service    <input checked="" type="checkbox"/> Other regulation specified in Block 12</p> <p>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.</p>
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13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: 1VAR161B
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Sergio Damian Carlos	14e. Date (dd/mmm/yyyy): 10/Mar/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 Blocks 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.

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

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

### FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5Serial No. 4C5-011503 was manufactured new on 08 Jan 2015

by Sky-Tec under the authority of FAA-PMA No. PQ0852SW

Supplement No. 6 in accordance with Sky-Tec's

FAA-Approved Quality System (14CFR Part 21, Subpart K).

This article has been determined to be airworthy.

For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm)Starter Installed on N 8AE by Robt W. Mandy, II

(Aircraft)

(Mechanic)

AIP 2787768

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 9024 03-April-2015 WO# 115651/1 HOBBS 1783.5  
N8AE S/N 2999 CIRRUS SR22

Pg 1 / 1

\*\*\*\* ITEM # 115651-1 - MFD WON'T ACCEPT DB UPDATES \*\*\*\*

DISCREPANCY: MFD WON'T ACCEPT DB UPDATES

ACTION: REMOVED MFD AVIDYNE EX-5000 P/N 700-00004-008 S/N 20077247.

INSTALLED WARRANTY EXCHANGE EX-5000 P/N 700-00004-008 S/N 20028396.

CONFIGURED AND GROUND CHECKED - AFN

TP4R552M ALLEN OVERLANDER

Date

Date: 3/14/2016; Aircraft: N8AE; Type: CIRRUS; S/N: 2999; Hobbs: 2001.8; Tach: 1954.6; Total Time: 1954.6

- 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. Inspected for leaks and general overall condition. 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 F.
- Removed engine M/N IO-550-N S/N 691542.
- Installed CMI rebuilt engine M/N TSIO-550-N1B S/N 1031045 IAW STC# SA03962AT-E with reference to Installation Instructions IMSR22T550N. Time since Rebuilt. 0.0hrs
- R&I propeller for overhaul completed by aircraft propeller works RS# T4ZR741Y WO # APW7385.
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Verified AD compliance through bi-weekly issue 2016-04
- Applied ACF 50 treatment to all flight controls as requested.
- Battery is sealed and does not require any further servicing.
- Removed and replaced #2 Bat with new. next replacment due 02/2018
- Removed and replaced brake caliper O-rings and bleed brake system as required.
- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement Feb 2020.
- Removed and Replaced Fire Ext with new.
- Replaced pilot overhead light button with new.
- Removed and replaced LT and RT brake rotors with new.
- Removed Old TKS seal and replaced with new
- On LT and RT fuel tank, bent tab back into correct position as required
- Removed and replaced LT and RT brake pads with new.
- Removed and replace TKS filter as required. Next due replacement 02/2018
- Removed O2 bottle and valve for 5 year check and overhaul as per precise flight ICA
- Cleaned, inspected, and greased all wheel bearings.
- Lubricated aircraft per Cirrus AMM.
- Inspected all aircraft surfaces IAW Cirrus AMM -No defects noted at this time. *SM*
- Performed post inspection operational check of aircraft systems-all working normal at this time.

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

Steve Miller



A&P 2700197IA

6530 Tampa Executive Airport Rd. Tampa, FL 33610

Tampa Executive Airport (KVD) 813-621-7476

## INSPECTION RECORD

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
 LOG ID# 9474 06-April-2016 WO# 116480/1 HOBBS 2016.2  
 N8AE S/N 2999 CIRRUS SR22

Pg 1 / 1

\*\*\*\* ITEM # 116480-1 PFD - INTERMITTENT RED X ON ALT & A/S \*\*\*\*  
 DISCREPANCY: PFD - INTERMITTENT RED X ON ALT & A/S  
 ACTION: REMOVED PFD AVIADYNE EXP-5000 P/N 700-00006-000 S/N 20715056.  
 INSTALLED WARRANTY EXCHANGE EXP-5000 P/N 700-00006-000 S/N 29033044.  
 CONFIGURED AND COMPLETED MAGNETOMETER CALIBRATION PROCEDURE IAW CIRRUS SR-22 MM.

INSPECTED STATIC AIR SYSTEM IAW FAR 43 APPENDIX E PARA. (A).



4/6/16

TP4R552M ALLEN OVERLANDER

Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
 LOG ID# 9488 03-May-2016 WO# 116498/1 HOBBS 2021.1  
 N8AE S/N 2999 CIRRUS SR22

Pg 1 / 1

\*\*\*\* ITEM # 116498-1 PFD NOT COMMUNICATING WITH A/P \*\*\*\*  
 DISCREPANCY: PFD NOT COMMUNICATING WITH A/P  
 ACTION: REMOVED PFD AVIADYNE EXP-5000 P/N 700-00006-000 S/N 29033044.  
 INSTALLED WARRANTY EXCHANGE EXP-5000 P/N 700-00006-000 S/N 24251144.  
 CONFIGURED AND COMPLETED MAGNETOMETER CALIBRATION PROCEDURE IAW CIRRUS SR-22 MM.

INSPECTED STATIC AIR SYSTEM IAW FAR 43 APPENDIX E PARA. (A).




5/3/16

TP4R552M ALLEN OVERLANDER

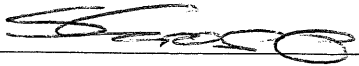
Date



1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 9029063	
4. Organization Name and Address: Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax:321.751.8435) 1VAR161B					5. Work Order/Contract/Invoice Number: 9029063		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	Primary Flight Display	700-00006-000	1	29033044	Repaired		
12. Remarks:							
<ol style="list-style-type: none"> <li>1. Repaired in accordance with Repair manual 600-00128-004, and PMM Temporary Revision Sheet 605-00128-000. Full details held within Returned Material Authorization 9029063.</li> <li>2. 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 considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6138.</li> <li>3. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 and 630-00129-000 in accordance with 14 CFR 91.411.</li> </ol>							
13a. 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 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation 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:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: 1VAR161B	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed): Sergio Damian Carlos		14e. Date (dd/mmm/yyyy): 02/Feb/2016	
<b>User/Installer Responsibilities</b>							
<p>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.</p> <p>Statements in Blocks 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.</p>							

NSN: 0052-00-012-9005

FAA Form 8130-3 (02-14)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 9029328	
4. Organization Name and Address: Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax:321.751.8435) 1VAR161B					5. Work Order/Contract/Invoice Number: 9029328		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	Primary Flight Display	700-00006-000	1	24251144	Modified		
12. Remarks:							
<ol style="list-style-type: none"> <li>1. Modified in accordance with Repair manual 600-00128-004, and PMM Temporary Revision Sheet 605-00128-000. Full details held within Returned Material Authorization 9029328.</li> <li>2. 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 considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6138.</li> <li>3. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 and 630-00129-000 in accordance with 14 CFR 91.411.</li> </ol>							
13a. 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 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation 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:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: 1VAR161B	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed): Sergio Damian Carlos		14e. Date (dd/mmm/yyyy): 23/Feb/2016	
<b>User/Installer Responsibilities</b>							
<p>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.</p> <p>Statements in Blocks 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.</p>							

NSN: 0052-00-012-9005

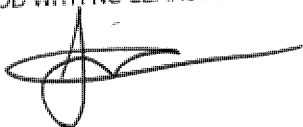
FAA Form 8130-3 (02-14)

EXEC AERO, LLC 201 NILSON WAY, ORLANDO, FL 32803 407-420-7934

GATE

N8AE  
2008 CIRRUS SR22 SN: 2999  
05/03/16 HOBBS: 2021.5 FLIGHT: 1973.8

INSTALLED REPAIRED DAU (RADIANT W/D 001RE1) I/A/W CIRRUS MM & AC 43.13.  
OPS CHECK GOOD WITH NO LEAKS NOTED.



JOHN STEVENS  
AP30662281A

EXEC AERO, LLC 201 NILSON WAY, ORLANDO, FL 32803 407-420-7934

N8AE  
2008 CIRRUS SR22 SN: 2999  
05/13/16 HOBBS: 2028.2 FLIGHT: 1984.2

TROUBLESHOOT, R&R FUSE IN MCU. COMPLIED WITH SB 2X52-08 PER  
INSTRUCTIONS. ALL WORK DONE I/A/W CIRRUS MM & AC 43.13. OPS CHECK  
GOOD WITH NO LEAKS NOTED.



JOHN STEVENS  
AP30662281A

AIRCRAFT FOR SERVICE

1. Approving Civil Aviation Authority/Country:  
FAA/United States

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

3. Form Tracking Number:  
9028614

4. Organization Name and Address:  
Avidyne Corporation, 710 North Drive Melbourne FL 32934 (Phone: 321.751.8411 Fax:321.751.8435) 1VAR161B

5. Work Order/Contract/Invoice Number:  
9028614

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Multi-Function Display	700-00004-008	1	20002397	Repaired

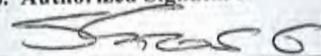
12. Remarks:  
1. Repaired in accordance with Repair Manual 600-00130-004 and Temporary Revision Sheet 605-00130-000 with full details held within Returned Material Authorization 9028614.  
2. Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6138.

13a. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in a condition for safe operation.  
 Non-approved design data specified in Block 12.

14a.  14 CFR 43.9 Return to Service  Other regulation 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:

13c. Approval/Authorization No.:

14b. Authorized Signature:  


14c. Approval/Certificate No.:  
1VAR161B

13d. Name (Typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):  
Sergio Damian Carlos

14e. Date (dd/mmm/yyyy):  
15/Oct/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 Blocks 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.

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
06/14/16	2030.2	T&S Pump removed for repair and panel placarded. <i>[Signature]</i> 51628 AIP

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 9549 16-June-2016 WO# 116642/1 HOBBS 2048.4  
N8AE S/N 2999 CIRRUS SR22

Pg 1 / 1

REMOVED MFD AVIDYNE EX-5000 P/N 700-00004-008 S/N 20028396.  
INSTALLED WARRANTY EXCHANGE EX-5000 P/N 700-00004-008 S/N 20002397.  
CONFIGURED AND GROUND CHECKED - AFN.

*[Signature]*  
TP4R552M ALLEN OVERLANDER

06/16/16  
Date



<b>10/11/2016</b>	<b>N8AE</b>	<b>Hobbs: 2080.3</b>
<b>W/O 40784</b>	<b>Cirrus SR22 S/N 2999</b>	<b>Flight: 2032.8</b>

- Replaced #1 EGT probe with new P/N 16579-002.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be In airworthy condition and is approved for return to service.

**AUTHORIZED SIGNATURE FOR: Travis Buchanan A&P/IA 3202781** \_\_\_\_\_

**PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801**

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

DATE

AIRCRAFT TIME  
IN SERVICE

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

Aircraft Log

Date 10/3/2016

Make/Model-Cirrus SR22

Hobbs- 2071.8

Flight Meter- 2024.2

S/N 2999

TT-

Removed and reinstalled all flight control surfaces, flaps, hand holds, steps, all wheel pants, and applicable inspection panels

Stripped, neutralized, waterbreak tested, Etched, Alodined, Primed, and painted all aluminum flight controls and applicable exterior panels.

Removed and replaced all window and windshield ext. sealant.

Removed and replaced all applicable placards, erosion tape and aileron gap seals

Removed and replaced wing tip recognition light lens

Repaired surface paint damage as needed, abraded aircraft surface in preparation for new paint coating

Primed and painted aircraft

Removed and reinstalled cabin and baggage doors

Verified all Flight control balance conditions were within limits

Replaced cowling fasteners

Replaced all applicable exterior fasteners

All applicable approved part data is added to aircraft logs

Painted Aircraft with Sherwin Williams Skyscapes GA paint system

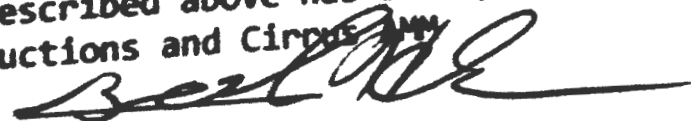
Sterling Silver CM0855660

Imperial Red Pearl SGP06661

Accelero Black Pearl SGP06693

I certify that all work described above has been performed I/A/W  
Paint manufacturers instructions and Cirrus AMM

Brad Helman 302846501 AP



# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

Date Out  
Ma

AIRFRAME LOG

Phillipsburg Airport

Date: Oct. 3, 2016    N8AE    Make: Cirrus    Model: SR22    S/N 2999

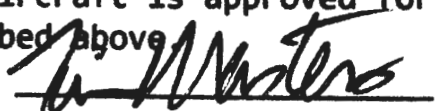
Hobbs: 2071.8

Flight Meter: 2024.2

Installed GNS430W S/N#23405717, after repairs by Garmin. Installed new NLG tire and tube. Replaced SCAT hose #6 from LH intercooler. Installed new crankshaft seal. Installed new lower cowling aft and rear close outs. Installed new Garloc seal on A/C drive. Installed new NLG pucks and rebound bumper. Installed new LH strut grommet. Installed both MLG brake rotors P/N#164-02504 and all new brake linings P/N#066-06200. Installed Equipment Pack S/N#AST07L1723 after overhaul by CAV Ice Protection, Inc. All work performed I/A/W Cirrus AMM. Installed Reiff HotStrip Oil Sump Heater and HotBand Cylinder Heating System I/A/W Reiff Installation Instructions. This installation is a minor alteration and does not require a Form 337.

I certify that this aircraft is approved for return to service with regard to work described above.

Tim Masters 2802663IA





10/18/2016	N8AE	Hobbs: 2086.4
W/O 40786	Cirrus SR22 S/N 2999	Flight: 2038.8

- Removed, cleaned, applied Stabilant 22 and re-installed MAP sensor connector.
- Ground run, Leak and Operational check good.

I certify this aircraft has been inspected / repaired in accordance with the current manufacturers maintenance manuals, and current FAA regulations. With respect to the work / inspections performed the aircraft identified above is found to be in airworthy condition and is approved for return to service.

AUTHORIZED SIGNATURE FOR: Travis Buchanan A&P/IA 3202781

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801



Date: 4/03/2017; Aircraft: N8AE; Type: SR22; S/N: 2999; Hobbs: 2113.70; Tach: 2066.30; Total Time: 2066.30

\*Performed an altitude reporting system biennial certification in accordance with FAR Part 91.411 & 91.413. All work was performed in accordance with FAR Part 43 Appendix E&F. These tests certify the altimeter, transponder, encoder, and related static systems. An altimeter altitude deviation card has been inserted in the aircraft maintenance records. Adjusted the encoder in accordance with the ACK installation manual. Operationally checked satisfactory.

Signature: Jeff Wall



---

Date: 04/03/2017, W/O: A16440

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43, appendices E & F and AC 43-6A.

TESTED TO 25.000 FEET ON 4/3/17

Transponder: Mfg GARMIN p/n —

Model GTX 327 s/n 83729701

Encoder: Model ACK p/n A-30 s/n 111903

Altimeter: (1) Mfg AVIDYNE p/n ENTEURA s/n —

(2) Mfg UNITED p/n 5934 s/n —

W/O A16440 Tach Hobbs 2113.7

Date 4/3/17 Sign [Signature]

Infinity Aviation Services LLC Nashua, NH 03063 FAA Repair Station #I6FR992Y

Altimeter/Encoder Calibration Sheet  
 Infinity Aviation Services LLC  
 FAA Certified Repair Station # 16FR992Y  
 Form # 10

Date: 4/3/17

AC Tail # NBAE  
 Work Order # A16440

Initial Indications  
 At 29.92 In hg

Model Number      Serial Number

Altimeter: +52 Feet  
 Calibrator: +45 Feet

Altimeter	AVIONIC ENTEGRAL	Serial Number	INSTALLED
Transponder	GARMIN GTN 327		83729701
Encoder	AKC A-30		111903

**Barometric Scale Error** (reference pressure @ 29.92 In hg to zero)

In hg scale	Feet Calibration	Feet Reading	Adj to 29.92 In hg	Feet Error	± Feet Tolerance
28.10	-1727	1720	/	-7	± 25
28.50	-1340	1335		-5	± 25
29.00	-863	855		-8	± 25
29.50	-392	390		-2	± 25
29.92	0	10		+10	± 25
30.50	531	540		-9	± 25
30.90	893	905		+12	± 25
30.99	974	985		+11	± 25

HOBBS: 2113.7

FLIGHT: 2066.3

**Scale Error** (set altimeter to 29.92 In hg)

Feet Altitude	Feet ind. NO	Feet ind. VIB	Encoder Readout	Friction Error	Scale Error	± feet tolerance
-1008		-980	1000		-20	± 25
0		10	0		+90	± 25
500		515	500		+15	± 25
1000		972	1000		-8	± 25
1500		1505	1500		+5	± 25
2000		1995	2000		-5	± 25
3000		2986	3000		-14	± 25
4000		4000	4000		0	± 25
5000		5007	5000		+7	± 25
6000		6006	6000		+6	± 25
8000		8007	8000		+7	± 25
10000		10013	10000		+13	± 25

Feet Altitude	Feet ind. NO/VIB	Feet ind. VIB	Encoder Readout	Friction Error	Scale Error	± feet tolerance
12000		11990	12000		-10	± 25
14000		1397	14000		-3	± 25
15000		14995	15000		-5	± 25
16000		16000	16000		0	± 25
18000		17995	18000		-5	± 25
20000		20000	20000		0	± 25
22000		22000	22000		0	± 25
25000		25010	25000		+10	± 25
30000						± 25
35000						± 25
40000						± 25
45000						± 25
50000						± 25

**Hysteresis** (50% 5min<read<15min)(40% 1min<read<10min)

Feet altitude	Scale error reading	Feet reading	Feet change	± Feet tolerance
50%	11490	11490	0	± 75
40%	10013	10017	5	± 75

**After Effect** (open to ATMOS)

In hg pressure	Feet initial	Feet final	Feet change	± Feet tolerance
Altimeter	52	35	17	
Calibrator	45	50	5	
AC - DIFFERENCE →				12 ± 25

**Altimeter/Encoder Calibration Sheet**  
**Infinity Aviation Services LLC**  
**FAA Certified Repair Station # I6FR992Y**  
**Form #10**

Date: 4/3/17

A/C Tail # NBAE

Work Order # A16440

Initial Indications  
At 29.92 In hg

Model Number      Serial Number

**UNITED**

Altimeter: + 45      Feet

Altimeter	<u>UNITED</u> <u>5934</u>	<u>INSTALLED</u>
Transponder	<u>GARDNER</u> <u>6-327</u>	<u>83729701</u>
Encoder	<u>AKH</u> <u>A-30</u>	<u>111903</u>

Calibrator: + 45      Feet

**Barometric Scale Error** (reference pressure @ 29.92 in hg to zero)

In hg scale	Feet Calibration	Feet Reading	Adj to 29.92 in hg	Feet Error	± Feet Tolerance
28.10	-1727	-1740		13	± 25
28.50	-1340	-1360		20	± 25
29.00	-863	-850		13	± 25
29.50	-392	-405		13	± 25
29.92	0	0		0	± 25
30.50	531	520		11	± 25
30.90	893	890		3	± 25
30.99	974	980		6	± 25

MOBBS: 2113.7

FLIGHT: 2066.3

**Scale Error** (set altimeter to 29.92 In hg)

Feet Altitude	Feet ind. NO VIB	Feet ind. VIB	Encoder Readout	Friction Error	Scale Error	± feet tolerance
-1000		-1000	-1000		0	± 25
0		0	0		0	± 25
500		510	500		+10	± 25
1000	990	995	1000	5	-5	± 25(± 25)
1500		1510	1500		+10	± 25
2000	1990	2000	2000	10	0	± 25(± 25)
3000	2980	2990	3000	10	-10	± 25(± 25)
4000	3980	4005	4000	25	+5	± 25(± 25)
5000	4960	4995	5000	35	-5	± 25(± 25)
6000		5980	6000		-20	± 25
8000		7970	8000		-30	± 25
10000	9940	9960	10000	20	-40	± 25(± 25)

Feet Altitude	Feet ind. NO VIB	Feet ind. VIB	Encoder Readout	Friction Error	Scale Error	± feet tolerance
12000		11950	12000		-50	± 25
14000		13940	14000		-60	± 25
15000	14920	14940	15000	20	-60	± 25(± 25)
16000		15940	16000		-60	± 25
18000		17920	18000		-20	± 25(± 25)
20000	19930	19980	20000	30	-20	± 25(± 25)
22000		21980	22000		-20	± 25
25000	25000	25000	25000	30	+30	± 25(± 25)
30000						± 25(± 25)
35000						± 25(± 25)
40000						± 25(± 25)
45000						± 25
50000						± 25(± 25)

**Hysteresis** (50% 5min<read<15min)(40% 1min<read<10min)

Feet altitude	Scale error reading	Feet reading	Feet change	± Feet tolerance
50%	11450	11455	5	± 75
40%	7960	9980	20	± 75

**After Effect** (open to ATMOS)

In hg pressure	Feet initial	Feet final	Feet change	± Feet tolerance
Altimeter	45	55	10	
Calibrator	45	60	15	
A-C = DIFFERENCE →				5 ± 20



# INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063  
FAA Certified Repair Station #16FR992Y

Date: 4/14/2017; Aircraft: N8AE; Type: SR22; S/N: 2999; Hobbs: 2113.70; Tach: 2066.30; Total Time:

\*Performed a 100-hour/Annual Inspection on the airframe and propeller in accordance with the inspection checklist contained in the SR22 Maintenance Manual.

Opened and closed the aircraft to perform inspection.

Complied with Airworthiness Directive research to 2017/05 Biweekly issuance.

Completed aircraft lubrication per manufacturers recommendations.

Completed the wheel bearing cleaning, inspection, and re-greasing.

Completed airframe fuel strainer or fuel bowl filter cleaning.

Cleaned the landing gear for inspection.

Removed the induction air filter. Inspected and cleaned the induction air filter housing. Replaced the induction air filter and secured.

Inspected the aircraft battery, serviced electrolyte using distilled water and charged the battery. Inspected and cleaned the battery area. Touched up battery area as required. Reinstalled battery and electrical connections. Operationally tested the battery with satisfactory results.

\*Complied with FAR 91.207 (d) Inspection and operational check of ELT.

Removed and replaced the ELT battery(ies), .

Remove, inspected and reinstalled the ELT battery(ies) as necessary.

\*Inspected Propeller. Dressed each blade to remove minor nicks and abrasions. Painted each blade face with flat black paint.

Lubricated hub with proper grease.

\*Removed and replaced the left outboard fuel drain p/n 25038-001. Leak tested with no discrepancies.

\*Removed the copilot bottom door latch and replaced with new p/n 21889-001 and adjusted the lower door pin in accordance with the Cirrus SR22 maintenance manual. Operationally checked satisfactory.

\*Adjusted the pilot side door as required for proper closure.

\*The SB2X-52-08R2 was previously complied with. Replaced the pilot's side door piston p/n 18200-004.

\*Replaced the flight Hobbs differential switch p/n 14128-001. Operationally checked satisfactory.

\*Removed the left aileron and inspected the trim motor and trim cartridge with no discrepancies noted. Inspected the actuation arm and found to be missing a shim washer that caused significant play in the aileron. Removed the actuation arm and reshimed to specification. Safetied the actuation bolt. Reinstalled the left aileron and shimmed / adjusted to the proper side play. Torqued the inner and outer aileron bolts and safetied.

\*Comply with SB2X-57-10, Aileron trailing edge inspection. Customer notified no further action taken.

\*Removed the air conditioner condenser and motor assembly. Wash out the debris in the air conditioner fins. Reinstall after complying with SB2X-21-03R1.

\*Removed the rear seat and floor panels. Clean TKS from under floor. Flow the TKS and diagnosis leak and found a fitting leak. Found the TKS pump to be running only on max speed. Removed the TKS pump and primer assembly p/n 118201 s/n AST07L1723 and p/n WP209C s/n AST07L2073 and send out to CAV for diagnosis and repair.

\*Replaced the fuel cap seals p/n 300 and adjusted the fuel cap tention.

Performed a pressure bleeding of the hydraulic brake system using MIL-H-5606 hydraulic fluid.

\*Removed nose fork, cleaned the spindle & cup, washers. Installed new thrust washers p/n 50545-001. Reassembled the nose fork, set the tension and cotter pinned in accordance with the Cirrus SR22 maintenance manual.

\*Re torqued the left and right lower engine mount bolts in accordance with the Cirrus SR22 maintenance manual. Installed a new nut on the left side.

\*I certify that this aircraft has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers  
Date: 04/14/2017, W/O: 116423  
Infinity Aviation Services LLC  
FAA Certified Repair Station  
#16FR992Y

NEXAIR AVIONICS LLC 246 SOUTH MEADOW ROAD PLYMOUTH, MA 02360 N4OR087B  
LOG ID# 729 05-May-2017 WO# 3785 HOBBS 2122.2  
N8AE S/N 2999 CIRRUS SR22 TACH 2071.3

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REMOVED CIRRUS LH OTBD FUEL LEVEL SENDER P/N 18484-003, LH INBD FUEL LEVEL SENDER P/N 18483-003, RH OTBD FUEL LEVEL SENDER P/N 18484-003, RH INBD FUEL LEVEL SENDER P/N 18483-003 AND FUEL QUANTITY INDICATOR P/N 13557-003 S/N 0631.

INSTALLED: CIES FUEL SYSTEM LH OTBD FUEL LEVEL SENDER P/N CC2840220001-101 S/N CA1295 LH INBD FUEL LEVEL SENDER P/N CC2840220002-101 S/N CB1287, RH OTBD FUEL LEVEL SENDER P/N CC2840220001-101 S/N CA1296, RH INBD FUEL LEVEL SENDER P/N CC2840220002-101 S/N CB1288 AND FUEL QUANTITY INDICATOR P/N FL202G S/N ASL008158. NEW GARMIN FLIGHTSTREAM 210 P/N 010-01194-41 S/N 1RE005009.

ALL RADIO AND SYSTEMS OPERATIONS CHECK OK IAW APPLICABLE MFG. - ALL SYSTEMS OPERATING TO SPECIFICATIONS. SEE FAA FORM 337 THIS DATE.

NOTE: WORK ORDER #3785 ON FILE, EQUIPMENT LIST AND WEIGHT & BALANCE UPDATED.

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



N4OR087B ANDREW O'SHEA

NexAir Avionics LLC 265 FRUIT STREET MANSFIELD, MA 02048 N4OR087B  
LOG ID# 742 05-May-2017 WO# 3785 HOBBS 2122.2  
N8AE S/N 2999 CIRRUS SR22 TACH 2071.3

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INSTALLED OVERHAULED METERING ICE PROTECTION PUMP PN:11820-01 SN:AST07L1723. LEAK TEST PERFORMED, NO  
LEAKS FOUND.

NOTE: WORK ORDER #3785 ON FILE.

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

  
N4OR087B DAVID MCKINNON



APG Aviation – Maintenance & Repair  
2800C Airport Rd. A-17 Punta Gorda, FL 33982  
Tel: 941-575-8605 · Fax: 941-575-8734 · qa@avionix.com

03-21-2018 N8AE CIRRUS SR22 SN 2999 HM 2192.5 FLT 2127.1

CW THE 100hr INSPECTION IAW CIRUS AMM CHECKLIST. LUBED AIRFRAME. INSPECT ELT IAW FAR 91.207d. BATTERY DATE 02-2020. SERVICE MLG WHEELS AND BRAKES. SERVICE NLG ASSY. CW SB2X-32-19R3 BY INSPECTION. REPLACED NLG FAIRING BRACKETS 2EA 11799-004. REPLACED #2 BATTERIES 2ea 50979-001. REPLACED MAIN BATTERY RG24-15M SN 40919553. SECURED TKS LINES TREATED FLIGHT CONTROLS WITH CORROSION X. ATTACHED HEADLINER CLICKBOND NUTPLATE AFT LEFT. REPLACED FIRE EXTINGUISHER 12533-004. SERVICED OXYGEN. AD2017-16-01 AMERI-KING 450/451 ELT NA BY INSTALLATION. SEE ACFT AS LISTING FOR RECURRING ADS AND COMPLIANCE TIMES. OPERATIONAL CHECK SATISFACTORY.

I CERTIFY THAT THIS AIRCRAFT/AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AS PER CIRRUS SR22 INSPECTION CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ADS THRU REV 2018-04.

HARALD R WOLF  
3401492 IA





APG Aviation – Maintenance & Repair  
28000 Airport Rd. A-17 Punta Gorda, FL 33982  
Tel: 941-575-8605 · Fax: 941-575-8734 · aa@avionix.com

03-21-2018 N8AE CIRRUS SR22 SN 2999 HM 2192.5 FLT 2127.1

CW THE CIRRUS 10yr CAPS REPLACEMENT. REMOVED ROCKET MOTOR BRS PN 014000-01/K SN 4122. REMOVED CAPS PARACHUTE PN 20331-001/D SN 03363. INSTALLED THE FOLLOWING COMPONENTS:

CAPS ROCKET MOTOR PN 29554-001 SN 3023. MFG/INSPECTION DATE 02-13-2018. EXPIRES 02-13-2028.

CAPS PARACHUTE ASSY PN 25574-004-REB SN 03098R1. INSPECTION/PACK DATE 02-13-2018. EXPIRES 02-13-2028.

CAPS REEFING LINE CUTTERS SN 5264 AND SN 5373 RE-INSTALLED. DOM 09-2013. EXPIRES 09-2019.

CW SB2X-95-18R3 CAPS RM ASSY REPLACEMENT. SB2X-95-22 NA ACFT SERIAL NUMBER AND REPACK LOCATION. CW SB2X-95-24R1 CAPS RM SHELF GND WIRE.

HARALD R WOLF  
34014925 AP



104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

**April 6, 2018      Cirrus      SR22      S/N 2999      Hobbs: 2201.3      W/O A12928**

Removed and reinstalled L3 standby attitude indicator P/N 504-0111-942, S/N 504011194228138 due to customer wanting no further action at this time. Work performed IAW AC 43.13-1B/2B.

**Authorized Signature: Ricky Chatwin**



603.298.6555

Date: 4-18-18

Reg: N8AE

Time: 2203.8 Hobbs

W/O: 8066

*Airframe Entry*

Removed artificial horizon P/N 504-0111-942, S/N 28138, and installed overhauled artificial horizon P/N 504-0111-92, S/N 27010. All operational checks satisfactory. All work performed in accordance with applicable sections of manufacturer's maintenance manual. This aircraft is airworthy in reference to work performed and is approved for return to service.

Kevin D. Perry  
A&P 2617955