

**N998DF**

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



# AIRCRAFT DESCRIPTION

FACTORY Cirrus Design Corp MODEL SR 22T DATE OF MFG. Nov 2013  
SERIAL NUMBER 0650 REGISTRATION NUMBER N 998DF

REGISTERED OWNER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
PHONE NUMBER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
REGISTERED OWNER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
PHONE NUMBER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_

## Inspection Status (Check one)

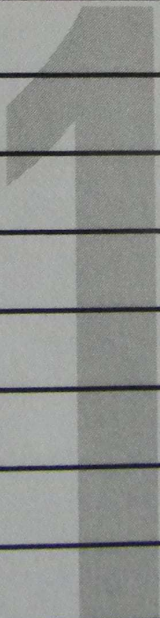
- F.A.R. 91.409 ANNUAL/100 HOUR
- F.A.R. 91.409 PROGRESSIVE
- F.A.R. 135.419 A.T.C.O.
- OTHER

DATE ENTERED \_\_\_\_\_  
MAINTENANCE RESPONSIBILITY \_\_\_\_\_



## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc	TS10550K	R L 1009180
ENGINE			R L
PROPELLER	Hartzel Propeller Inc	PK-53Y1F-1W	NJ 813 B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			





## MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

10/24/13

STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.



CDC \_\_\_\_\_ on 10/24/13  
Cirrus Design Corporation Duluth, MN USA  
**PRODUCTION CERTIFICATE NO. 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.
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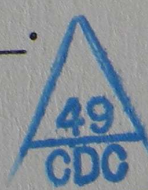
## Life Limited Parts SR22T

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	29500-004	S/N <u>0211</u>	<u>10/2023</u>
CAPS Parachute	29696-003	S/N <u>B0203</u>	<u>09/2023</u>
CAPS Reefing Line Cutters	26707-002	S/N <u>0465</u> S/N <u>0477</u>	<u>08/2019</u>
ELT Battery Pack	452-6499	Date Installed <u>10/31/2013</u>	<u>12/2020</u>
EMA Controller, AAIR	20902-001	S/N <u>A10SEP13-40</u>	<u>09/2020</u>
Oxygen Bottle Assembly	102N0100-1	MFG Date <u>08/13</u>	<u>08/2028</u>
CO Detector	24660-003	S/N <u>10955</u>	<u>11/2020</u>
Pilot Seat Inflator Assembly	20902-002	<u>AASI 3062</u> S/N <u>10183</u>	<u>09/01/2023</u>
Co-Pilot Seat Inflator Assembly	20902-002	<u>AASI 3062</u> S/N <u>10124</u>	<u>08/01/2023</u>







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>10/31/2013</u></p>							
<p><b>Transponder:</b> Mfg <u>Garmin</u> P/N <u>24653-002</u></p>							
<p>Model: <u>GTX-33ES</u> S/N <u>89125881</u></p>							
<p><b>ADC 1:</b> Model <u>GDC74A</u> P/N <u>24651-001</u></p>							
<p>S/N <u>20616161</u></p>							
<p><b>ADC 2:</b> Model <u>GDC74A</u> P/N <u>24651-001</u></p>							
<p>S/N <u>20616151</u></p>							
<p><b>Altimeter:</b> Mfg <u>United</u> P/N <u>12731-003</u></p>							
<p>S/N <u>501831</u></p>							
<p>CDC Quality Assurance  on <u>10/31/13</u></p>							
<p>Cirrus Design Corporation Duluth, MN USA</p>							
<p><b>PC# 338CE</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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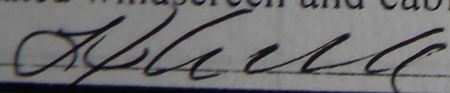
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N998DF Cirrus SR22T S/N: 22T-0650

11 April 2014 Flight Hobbs: 25.5 Hobbs Meter: 33.1 Airframe Total Time: 25.5

Completed 25 Hour Servicing this date using the Cirrus Maintenance Interval Checklist Form as a guide. Inspected pilot's and co-pilot's cabin doors and lubricated hinges and linkages. Adjusted and synchronized both cabin door linkages, operational check satisfactory. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked condition and security of #1) aircraft battery. Inspected nose gear for condition and security. Inspected nose gear oleo strut for specified extension dimension. Checked nose wheel fork side tension. Serviced brake fluid reservoir. Inspected main wheel brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Checked service levels of TKS reservoirs. Checked service pressure of oxygen cylinder. Inspected and wiped down engine cowling. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.



L. John Wells A&P 3221132 w/o 34242

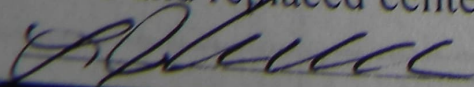
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N998DF Cirrus SR22T S/N: 22T-0650 Airframe Log Entry

30 April 2014 Flight Hobbs: 25.5 Hobbs Meter: 33.1

Removed and replaced center console right side panel P/N: 12221-110 using new installation hardware.



L. John Wells A&P 3221132 w/o 34286



# 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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### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N998DF      Cirrus      SR22T      S/N: 22T-0650      Airframe Total Time: 93.2

4 September 2014      Flight Hobbs: 93.2      Hobbs Meter: 128.2

Inspection and servicing completed this date using the Cirrus 100 Hour Maintenance Interval Inspection form as and the Precise Flight Oxygen System Instructions for Continued Airworthiness as a guide. Inspected and lubricated cabin door latches and hinges. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected #1 aircraft battery. Inspected nose gear for condition and security. Checked nose gear oleo strut for condition and security and specified extension height. Checked nose wheel fork side tension. Inspected nose and main gear tires for condition and security and serviced to specified pressure. Inspected left and right brake calipers and linings for security and condition. Serviced brake reservoir. Inspected nose and main gear wheel fairings and mounting brackets for condition and security. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked oxygen system service pressure. Inspected flight surface TKS panels and system components for condition, security and system leakage, no defects noted. Serviced TKS reservoirs. Wiped down and inspected engine cowling. Inspected MCU for component condition and security. Complied with Cirrus (SA) No. SA 13-01 (Exhaust Crack Inspection) by visually inspection the left turbocharger transition for cracks as outlined in Service Advisory, no defects noted. Next inspection due at next oil change or Flight Hobbs: 143.2. AD's checked through Biweekly 2014-17. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

*Jason D. Schaaf*

Jason Daniel Schaaf A&P 3551738      w/o 34771



DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

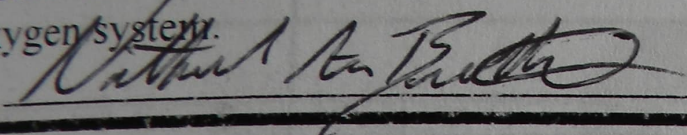
DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF Cirrus SR22T S/N: 22T-0650 Airframe Total Time: 121.8

10 October 2014 Flight Hobbs: 121.8 Hobbs Meter: 164.3  
Removed and replaced copilot cupholder (P/N: 51179-001). Checked and serviced tire pressures. Serviced oxygen system.



Nathaniel Alan Beuthel A&P 3659835 w/o 34902

### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF Cirrus SR22T S/N: 22T-0650 Airframe Total Time: 145.0

12 December 2014 Flight Hobbs: 145.0 Hobbs Meter: 194.4  
100 Hour/Annual Inspection completed this date using the Cirrus SR22T Scheduled Maintenance Report and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Checked operation of ELT remote arming switch, no defects noted. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N998DF on file. **ELT battery due December 2020.** Performed "Data Logger" functional inspection, L.E.D. annunciator light indicated no defects. Performed Transient Voltage Suppressor Inspection by inspecting continuity of installed fuses, no defects noted. Inspected pilot's and co-pilot's seats for condition and security. Inspected and lubricated pilot's and co-pilot's entry door hinges and linkages. Synchronized co-pilot's cabin door latches, operational check good. Installed serviceable co-pilot's cabin door gas strut assembly. Performed left and right fuel cap resistance check, no defects noted, all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected, charged and reinstalled primary battery. Inspected #2 aircraft batteries for condition and security, static voltage 24.7 volts. Inspected and checked nose gear oleo strut for specified extension dimension. Checked nose wheel fork side tension.



MAINTENANCE RECORD  
F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SPAN

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF Cirrus SR22T S/N: 22T-0650 Airframe Total Time: 145.0  
12 December 2014 Flight Hobbs: 145.0 Hobbs Meter: 194.4

(Continued) (Page 2)

Cleaned affected areas and secured right main gear fairing upper and lower fairing supports using new Cirrus double-sided tape P/N: F9469PC. Inspected nose and main gear tires for condition and serviced to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned felt grease seals in all wheel assemblies. Inspected main wheel brake calipers, disks and linings for condition and security. Serviced brake reservoir. Inspected condition of nose wheel and main wheel fairings. Inspected air conditioning condenser and system components for condition and security. Inspected oxygen system components and fill port for condition and security per Precise Flight (ICA). Checked oxygen cylinder service pressure. Inspected flight surface TKS panels and component for condition and security. Checked TKS fluid level in TKS reservoirs. Inspected CAP system components for condition and security. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, bottle weight 523.7 grams. Wiped down and inspected cowling. Performed AmSafe post seat installation check. Installed new inspection panel and fairing installation hardware as needed. Complied with **Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. Next MCU inspection due **December 2015 or Flight Hobbs: 245.0**. Complied with **Cirrus (SA) No. SA 11-01 (Alternator Brush Inspection)** by removing #1) alternator brush holder and inspecting brush assemblies per Continental (SB) No. SB11-2, no defects noted. Next inspection due **December 2015**. Complied with **Cirrus (SA) No. SA 13-01 (Exhaust Crack Inspection)** by visually inspecting the left turbocharger transition for cracks as outlined in Service Advisory, no defects noted. Next inspection due at scheduled oil change.

(Page 2) (Continued)



**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

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF      Cirrus      SR22T      S/N: 22T-0650

12 December 2014      Flight Hobbs: 145.0      Hobbs Meter: 194.4      Airframe Total Time: 145.0

(Continued)      (Page 3)

Complied with Cirrus (SA) No. SA 13-05 (Elevator Hinge Pin Inspection) by inspecting elevator hinges for condition and security and hinge pins for proper torque and safety per Service Advisory, no defects noted and no further action required. Complied with Cirrus (SA) No. SA 13-06 (Aneroid Equipped Fuel Pumps) by inspecting installed fuel pump per Continental (CSB) No. SB13-4A, installed fuel pump not affected by date of manufacture or serial number as listed in (CSB), no further action required. Complied with Cirrus (SA) No. SA 14-02 R1 (Alternator Brace Alignment) by inspecting belt-driven alternator and bracket for condition and proper alignment per Service Advisory and Continental SIL14-4, and installed required shims as needed, no further action required. Complied with Cirrus (SB) No. SB 2X-33-06 by installing new left and right wing tip anti-collision LED strobe light assembly moisture preventative gasket P/N: 17140-101 per Service Bulletin, no further action required. Complied with Cirrus (SB) No. SB No. 2X-71-25 (Intercooler Flange Stiffener) by installing left and right intercooler flange stiffeners P/N: 31796-002 per Service Bulletin, required stiffeners are installed, no further action required. Cirrus AD 2012-01-11 (Partial Engine Power Loss).effective 02-29-2012, does not apply by aircraft serial number, no further action required. AD's checked through Biweekly 2014-24. Post inspection ground run-up and systems operational check good. Wiped down aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

*Randy Johnson*

**Randy Johnson A&P 3123186 IA**

w/o 35093



JOB SECTION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N998DF Cirrus SR22T S/N: 22T-0650

18 February 2015 Flight Hobbs: 155.7 Hobbs Meter: 208.7 Airframe Total Time: 155.7

Complied with Cirrus SB 2X-32-21 (Beringer Brake Upgrade) by removing existing Cleveland brakes, master cylinders, reservoir and parking brake valve. Installed new brake system components and hoses as included in Cirrus Kit (P/N: 70510-001). System installed in reference to Cirrus Service Bulletin and Beringer Maintenance Manuals MM-ETSO-001 and MM-ETSO-002. Serviced brake reservoir using MIL-PRF-87257 and bled system. Conditioned brakes as needed. Final operational check of brake system satisfactory. Aircraft's Weight and Balance and equipment list updated to reflect this change. Secured co-pilot wing walk as needed. Serviced oxygen system.

*L. John Wells*

L. John Wells A&P3221132

w/o 35120

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N998DF Cirrus SR22T S/N: 22T-0650

Airframe Log Entry

24 April 2015 Flight Hobbs: 176.8 Hobbs Meter: 238.7  
Installed and secured new co-pilot's cabin door gas strut P/N: 18200-003, operational check good.

Scott S. Fisher A&P 3290363

w/o 35534





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Tel: +33 (0)4 92 20 16 19  
Fax: +33 (0)4 92 52 69 66

**BERINGER AERO**  
Aéropôle - Champ Eymi  
05130 Tallard

CEP



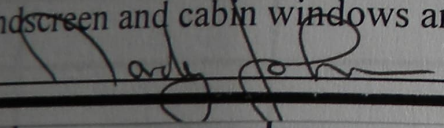
**Wheels & brakes**  
high performance for Aircraft

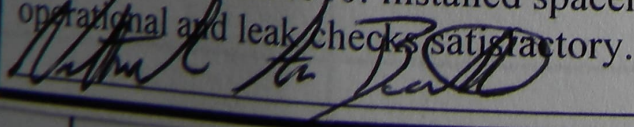
<b>Vendor</b>	
<b>Issue date</b> DDMMYY	
<b>Customer PO</b>	
<b>Delivery/kit ref.</b>	

<b>BERINGER P/N</b>	<b>CIRRUS P/N</b>	<b>Cirrus Drawing Revision Level</b>
RF-006(A)	31493-001	A
EA-003.3N(B)	31392-001	A
RA-002(B)	31492-001	A



# MAINTENANCE RECORD F.A.R. 43.9

NO. OF SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
			<b>ARAPAHOE AERO</b>	
	17 June 2015	N998DF Cirrus SR22T Flight Hobbs: 196.1	12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 22T-0650 Hobbs Meter: 265.3	Airframe Log Entry
	Completed 50 Hour Servicing this date using Cirrus 50 Hour Interval Inspection Checklist as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked servicing of nose strut. Serviced brake fluid reservoir. Post maintenance ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.			
	 Randy Johnson A&P 3123186 w/o 35701			

			<b>ARAPAHOE AERO</b>	
	21 November 2015	N998DF Continental TSIO-550-K Flight Hobbs: 0231.6	12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 1009180 Total Time: 0231.6	
	Complied with Cirrus SA 15-04 / CMI CSB 15-2 (Oil Cooler Cross Fitting) by installing new Cross Fitting, P/N: 658607. All associated fittings and hoses torqued in reference to the limits and procedures outlined in Service Bulletin and CMI Overhaul Manual M-18. Installed serviceable oil pressure transducer. Complied with Cirrus SB 2X-71-27 (Alternate Air Box) by performing visual inspection. Chafe areas measured less than .010. Installed spacer using new hardware kit (P/N: 70518-001). Ground run operational and leak checks satisfactory.			
	 Nathaniel Alan Beuthel A&P 3659835 w/o 36236			



# Centennial Instruments, Inc.

7285 S. Revere Parkway Suite 705  
Centennial, Colorado 80112

303-662-0692

FAA Repair Station # L5IR350Y

Altitude in Feet	Error	Altitude in Feet	Error
-1000	-5	16000	-60
0	+10	18000	-50
500	+10	20000	-50
1000	+10	22000	-25
1500	+10	25000	0
2000	+25	30000	+40
3000	+25	35000	+60
4000	+25	40000	
6000	+10	45000	
8000	-20	50000	
10000	-30	51000	
12000	-45	52000	
14000	-50	53000	

Tested by: \_\_\_\_\_

Date: DEC 15 - 2015

Part # 5834AD-3

S/N: 501831

Tested and Certified.

C\W FAR 91-411 Part 43 Appendix E Par D to 35,000 Feet.

AGENCY & CERTIFICATE NO.  
FORMED/RETURNED

99.6289

15, 2015

RELI

AIRW 91.411 Part  
2015. See th

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15, 2015. S  
way, Su ppendix E.  
2-0692 F rrent proced

CRS L

AV-03541

9.6289

ber 15, 2

date: Dec  
43 Appe



**ARAPAHOE AERO AVIONICS**

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

December 15, 2015

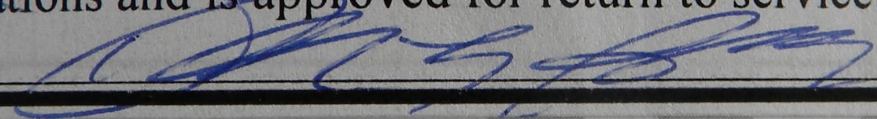
N998DF Cirrus SR-22T sn: 0650  
Hobbs: 323.0

United Instruments Altimeter 5934AD-3 sn: 501831 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO # 10100 dated December 15, 2015. See their 8130-3 issued this date.

Garmin GDC-74A 011-00882-10 sn: 20616151 and 20616161 Altimeters have been tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-03541 dated December 15, 2015. See our 8130-3 issued this date. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above was tested and inspected in accordance with current procedures of the Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:



AV-03541

**ARAPAHOE AERO AVIONICS**

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

December 15, 2015

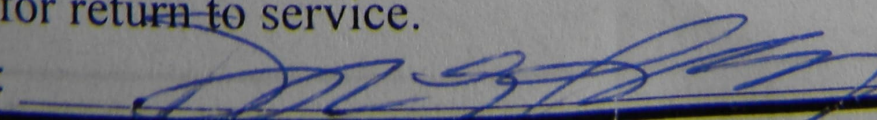
N998DF Cirrus SR-22T sn: 0650

Hobbs: 323.0

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: December 15, 2015 on Garmin GTX-33ES 011-00779-30 sn: 89125881 and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station on our WO # AV-03541.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:



AV-03541



# 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

## ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

December 29, 2015

N998DF Cirrus SR-22T sn: 0650

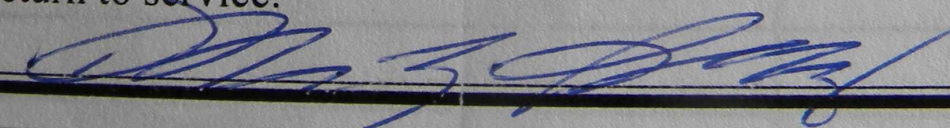
Hobbs: 1323.0

Cirrus SR-22T 3600# Perspective System ID # 251D3321F

Updated System Software to Version 0764.23 per Cirrus Service Bulletin No. SB2X-42-10R2 dated September 8, 2015. New Cockpit Reference Guide 190-00821-10 provided to owner. New POH

Temporary Revision 15-06 has been added to aircraft's POH. Aircraft Configuration: SR-22T 3600#, Dual AHRS / Dual ADC, SR-22 DIN IEC 751 Oil Temp Sensor, SR-22 Integrated Fuel Quantity Indicators, GFC 700 w/YD, ESP-Low Speed with Stall Warn, GTX-33ES (ADF0AC), GTS-8XX w/ADS-B, GDL-69A, GSR-56, GMA 350, CO Guardian, EVS, Oxygen Dual Bearing Pointers, IPS FIKI Digital.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-03541



DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

**N998DF** Cirrus SR22T S/N: 22T-0650

**Airframe Total Time: 237.2**

**1 January 2016** Flight Hobbs: 237.2 Hobbs Meter: 323.0

**100 Hour/Annual Inspection** completed this date using the Cirrus SR22T Scheduled Maintenance Report and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N998DF-12-15-15-1 on file. **ELT battery due December 2020.** Reinstalled and affixed glareshield rubber corner rubber molding using RTV sealant and reinstalled assembly. Installed console mounted hand MIC bracket and fabricated retention clip. Performed "Data Logger" functional inspection, L.E.D. annunciator light indicated no defects. Performed Transient Voltage Suppressor Inspection by inspecting continuity of installed fuses, no defects noted. Performed AmSafe post seat installation check. Inspected and lubricated pilot's and co-pilot's entry door hinges and linkages. Adjusted pilot's cabin door latches, operational check good. Cleaned and primed affected areas and reinstalled right wing aileron gap seal using new Cirrus double-sided tape P/N: F9469PC. Performed left and right fuel cap resistance check, no defects noted, all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected, charged and reinstalled primary battery. Installed (2) new #2) batteries P/N: 50979-001. **Next battery replacement due January 2018 or Flight Hobbs: 737.2.** Checked nose wheel fork side tension. Cleaned and primed affected areas and reinstalled three main gear fairing grommets using new Cirrus double-sided tape P/N: 51847-045U. Installed new left and right main wheel tires P/N: 156E06-1, S/N: 52722072 and S/N: 52752387 and torqued wheel assembly hardware. Serviced tires to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned felt grease seals in all wheel assemblies. Inspected main wheel brake calipers, disks and linings for condition and security. Serviced brake reservoir. Inspected air conditioning condenser and system components for condition and security. Inspected oxygen system components and fill port for condition and security per Precise Flight (ICA). Installed new fill port door Camlock fastener and checked oxygen cylinder service pressure. **(Page 1)**

**(Continued)**



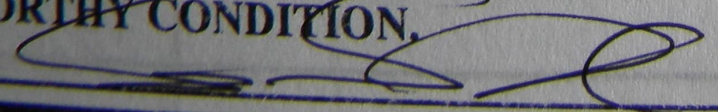
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

**N998DF**      **Cirrus**      **SR22T**      **S/N: 22T-0650**      **Airframe Total Time: 237.2**

**1 January 2016**      **Flight Hobbs: 237.2**      **Hobbs Meter: 323.0**  
**(Continued)**      **(Page 2)**

Installed new TKS filter P/N: 21986-203 using new O-ring seals. **Next filter replacement due January 2018 or Flight Hobbs: 1437.2.** Inspected flight surface TKS panels and component for condition and security. Checked TKS fluid level in TKS reservoirs. Inspected C.A.P.S. system components for condition and security. Performed C.A.P.S. system electrical check by performing voltage, resistance and diode checks as required, all readings found to be within limits. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, bottle weight 521.6 grams. Installed new nose gear strut cowling seal P/N: 53361-001U. Inspected wheel fairings for condition and fastener security. Removed nose wheel fairing minor damage adjacent to nose strut to allow for additional clearance. Complied with **Cirrus (SA) No. SA 11-01 (Alternator Brush Inspection)** by removing #1 alternator brush holder and inspecting brush assemblies per Continental (SB) No. SB11-2, no defects noted. **Next inspection due January 2017.** Complied with **Cirrus (SA) No. SA 13-01 (Exhaust Crack Inspection)** by visually inspecting the left turbocharger transition for cracks as outlined in Service Advisory, no defects noted. **Next inspection due at scheduled oil change.** Complied with **Cirrus (SB) No. SB 2X-28-12 R1 (Electric Fuel Pump Inspection)** by visual inspection and leak check of electric fuel pump, no defects noted. AD's checked through Biweekly 2015-26. Post inspection ground run-up and systems operational check good. Wiped down aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



**Scott S. Fisher A&P 3290363 IA**

w/o 36281



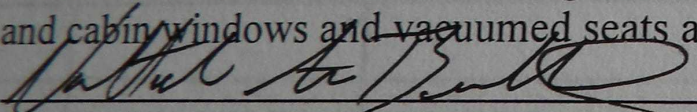
# MAINTENANCE RECORD F.A.R. 43.9

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF Cirrus SR22T S/N: 22T-0650 Airframe Log Entry

10 March 2016 Flight Hobbs: 266.4 Hobbs Meter: 361.9

Completed 50 Hour Servicing this date using Cirrus 50 Hour Interval Inspection Checklist as a guide. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked servicing of nose strut. Serviced brake fluid reservoir. Post maintenance ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.

  
Nathaniel Alan Beuthel A&P 3659835 w/o 36555

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N998DF Cirrus SR22T S/N: 22T-0650 Airframe Log Entry

12 July 2016 Flight Hobbs: 155.7 Hobbs Meter: 208.7

Installed new right main tire, P/N: 156E06-1, S/N: E2572035. Wheel assembled using new O-Ring. Reinstalled assembly on aircraft.

  
Simon Rubino A&P 2670700 w/o 36953