

AIRCRAFT LOG  
AF5-1

PPG Industries, Inc.  
COMMERCIAL COATINGS



PRIMER

K36

PRIMER

COLOR

FBC 37121

COLOR

COLOR

CLEAR

F3905

Aircraft Log  
TABLE OF CONTENTS

**TC # A00009CH**

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

Aero Products Corporation

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## AIRCRAFT DESCRIPTION

MANUFACTURER

CIRRUS DESIGN CORP.

— MODEL 5R-22

DATE OF MFG. MAR. 07

SERIAL NUMBER

2399

REGISTRATION NUMBER N8120B

REGISTERED OWNER

STREET ADDRESS .

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS.

CITY, STATE, ZIP

REGISTERED OWNER:

STREET ADDRESS

CITY STATE ZIP

## OPERATOR

**STREET ADDRESS**

CITY STATE ZIP

## Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED \_\_\_\_\_

#### MAINTENANCE RESPONSIBILITY

# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	IO-550N	R 690807
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC	PHC-13YF-1N	R
PROPELLER		(3/21/07 TT 25.0)	L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			

## MAJOR ALTERATIONS

Daytona Beach - AP  
237 3384163

227 3384163

NAME  
PAR

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 8822 24-October-2012 WO# 5657 REF# 5657 AC TT 957.7 HOBBS 818.5  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 957.7

Pg 1 / 1

AIRFRAME  
\*REMOVED CAPS LINE CUTTERS LOT # T0506K00338 WITH NEW CUTTER KIT PN:25347-002 LOT # 1RRL0612 NEXT  
DUE CHANGE 06-2018 ACCOMPLISHED BY DAVID G JONES, A&P 3064197 IAW CAPS M/M

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH  
REGARDS TO MAINTENANCE PERFORMED.

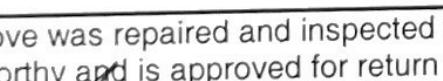
*Douglas Dunc*

DOUGLAS D DUNCAN A&P I/A 3384163

*24-10-12*

DATE

## AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

<b>Airframe LogBook Entry</b>		<b>TAC Air Aircraft Maintenance</b> <b>1725 E. International Drive, Raleigh NC 27623</b> <b>Raleigh Durham International Airport</b> <b>Phone: (919) 840-4440 Fax: (919) 840-4441</b>				<b>Authorized Cirrus Service Center</b>	
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	Tach. Time
RDU 1168	4 April 2008	N812DB	Cirrus	SR22	2399	391.6	N/A
1. Complied with Cirrus SB 2X-52-07 R4 Cabin door rod end replacement using Cirrus kit P/N: 70186-005 2. Adjusted Co-pilots door latch per Cirrus AMM 52-10 and latch pins per Cirrus AMM 53-40 3. Complied with Cirrus SB2X-27-14 R3 Rudder/ Aileron interconnect using Kit P/N: 70197-001							
***** End *****							
I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.							
Authorized Signature:							
		Warren Bourne A & P 3236539					

## AIRWORTHINESS DIRECTIVE

## REPAIR STATION

## COMPLIANCE

## A.D./BULL. NUMBER

## ITEM AFFECTED

MAKE: Cirrus  
MODEL: SR22-G2  
S/N: 22-2399  
REG. NO: 812DB  
WORK ORDER  
12061-09-2008



Cirrus Design Factory Service Center  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3438

DATE: 10/10/2008  
A/C TSN: 499  
HOEBS: 499

## AIRWORTHINESS DIRECTIVE

## REPAIR STATION

## COMPLIANCE

## A.D./BULL. NUMBER

## ITEM AFFECTED

## DATE &amp; HRS. AT COMP.

## METHOD OF COMPLIANCE

## AD Entries

(3) Flight Time: 486.3. Researched aircraft records for applicable ADs through bi-weekly 2008-20 and found that all are in compliance at this time. Researched aircraft records for mandatory service bulletins and found that all applicable bulletins are in compliance at this time. (11) Complied with AD 2007-14-03 by verification that the CAPS installation meets the accomplishment requirements of Cirrus mandatory service bulletin 2x-95-10R2. (12) AD 2008-03-16 has been previously complied with by SB2X-27-14R3 Rudder-Aileron Interconnect Modification. No further action taken. (13) AD 2008-14-13 has been previously complied with by SB2X-5-2-07R4 "Cabin Door Rod End Replacement. No further action taken. (15) Complied with Airworthiness Directive 2008-06-28R1 "Avidyne Primary Flight Display by verifying that currently installed PFD S/N 20158037 is not applicable. (16) SB2X-08-01, As-Delivered Weight and Balance Correction, is negligible due to re-weighing and updating aircraft weight and balance after re-painting. (17) SB2X-21-03 Air Conditioning Component Sealing is not applicable due to aircraft not air conditioning equipped. (18) Complied with Hartzell Propeller Inc. Alert Service Bulletin H-ASB-61-306 by inspection of the propeller blades for signs of dry fibers as specified. No cracking or other defects were detected and all three blades are ok for continued service. No further action is required. (19) Installed O2 system switch guard, p/n 100N2125-1. IAW Precise Flight Mandatory Service letter Doc. No. 102NMAN0005. This aircraft is not equipped with ribbon cable. (20) Complied with Avidyne PFD Mandatory Service Bulletin 601-00006-067 by verifying PFD software number is 530-00183-000. No further action taken.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/10/2008

SIGNED:

Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 12061-09-2008

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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.
<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>TESTED TO <u>25,000</u> FEET ON <u>02/21/07</u>.</p> <p>Transponder: Mfg <u>Garmin</u> P/N <u>13587-050</u> Model: <u>GTX-327</u> S/N <u>83727389</u>.</p> <p>Encoder: Model <u>ACK</u> P/N <u>A-30</u> S/N <u>105309</u>.</p> <p>Altimeter: Mfg <u>Avidyne</u> (PFD) <u>15222-005</u> S/N <u>20158037</u> Mfg <u>United</u> P/N <u>12731-003</u> S/N <u>459760</u>.</p> <p>CDC Quality Assurance <u>JK</u> on <u>02/21/07</u> Cirrus Design Corporation Duluth, MN USA PC# 338CE</p>							

# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

**FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND  
STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL  
SPECIFICATIONS OF APPENDIX E OF PART 43**

APPROVED BY:  
AGENCY CERT NO

## ALTIMETER CERTIFIED TO

LEFT PFD FEET	RIGHT STB FEET
25,000	25,000
S/N	S/N
20158037	459760
DATE:	W/O
4-27-11	0508
INSPECTOR	<i>John P. male</i>

**PF Flyers, Inc.**  
FAA APPROVED REPAIR STATION #Y3FR325Y

## FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPOUNDER #1	MAKE: Garmin	MODEL: GTX-327	S/N 83727389
--------------------	-----------------	-------------------	-----------------

TRANSPONDER #2	MAKE: <u>  </u>	MODEL: <u>  </u>	S/N
-------------------	-----------------	------------------	-----

DATE 04-27-2011	W/O 0508	INSPECTOR: John Pinalan
--------------------	-------------	----------------------------

PF Flyers Inc.

FAA APPROVED REPAIR STATION # Y3FR325Y

## RADIO & ELECTRONIC CHECKS

NexAir Avionics Radio Installation  
November 09, 2011 N812DB HOBBS: 0894.6

AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GARMIN GNS430  
NAV/COM/GPS 1, GARMIN GNS430 NAV/COM/GPS 2. ALL RADIOS REMOVED  
COMPLETE.

INSTALLATION OF: GARMIN GTN650 GPS/NAV/COM (1), SN: 1Z8001415 WITH  
CI-428-410 GPS/XM ANT SN: 372278 AND GARMIN GTN650 GPS/NAV/COM (2),  
SN: 1Z8001440 WITH GA35 ANT SN: 79075. INSTALLED NEW CI-5120 NAV  
SPLITTER SN: 365184.

NUMBER 1 GPS/XM ANTENNA MOUNTED TOP OF AIRCRAFT. NUMBER 2 GPS ANTENNA MOUNTED UNDER GLARESHIELD ON FABRICATED BRACKET. ALL RADIO AND SYSTEMS OPERATIONS CHECK OK – FLIGHT TEST PERFORMED, ALL SYSTEMS OPERATING TO SPECIFICATIONS.

SEE FAA FORM 337 THIS DATE.

**Note:** Work Order #872 on File, Equipment List and Weight & Balance updated.

Dave Fetherston NEXAIR AVIONICS FAA CRS: N40R087B

ALL ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO			
LEFT	PFD FEET 25,000	RIGHT	STB FEET 25,000
S/N	20158037	S/N	459760
DATE:	W/O 06-05-13	INSPECTOR	<i>John Pinalu</i>
PF Flyers, Inc.			
FAA APPROVED REPAIR STATION # Y3FR325Y			

**FAR 91.413**

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: <i>Garmin</i>	MODEL: <i>GTX-327</i>	S/N <i>837273D9</i>
TRANSPONDER #2	MAKE: <i>—</i>	MODEL: <i>—</i>	S/N <i>—</i>
DATE 06-04-2013	W/O 0911	INSPECTOR: <i>John Pinalu</i>	PF Flyers, Inc.
FAA APPROVED REPAIR STATION # Y3FR325Y			

NATURE — CERT. NO.	DATE	TOTAL TIME
PF Flyers, Inc.		
FAA Approved repair station Y3FR325Y		
Altimeter Scale Error		
Correction Card		

TEST PT(FT)	Indicator Reading at +25c
-1,000	-99c
0	+10c
-200	-51c

THE ATC  
91.413 WE  
WITH PAR  
TRANSP  
#  
TRANSP

TEST	Indicator Reading at +25c
TEST	30,000
Indicator Reading at +25c	30,000
-1,000	-99c
0	+10c
-200	-51c

FAA Approved repair station Y3FR325Y  
**Altimeter Scale Error**  
 Correction Card

TEST PT(FT)	TEST	Indicator Reading at +25c
-1,000	-990	30,000
0	+10	35,000
500	-10	40,000
1,000	10	45,000
1,500	-20	50,000
2,000	20	55,000
3,000	30	60,000
4,000	40	70,000
6,000	60	80,000
8,000	80	
10,000	100	
12,000	12000	
14,000	14000	
16,000	16000	
18,000	18000	
20,000	20020	
22,000	22030	
25,000	25040	

Altimeter	Position
Pilot	<input type="checkbox"/>
Copilot	<input checked="" type="checkbox"/>

STB

ALT. S/N 459760  
 DATE 7-29-15

FORM-C-230

STATION # Y3FR325Y

FOR: *John Pusateri*

FR325Y

DE REPORTING EQUIPMENT AND  
 BEEN CHECKED AND MEET ALL  
 PENDIX E OF PART 43

ERTIFIED TO

IGHT STB FEET  
 30,000

/N 459760

SPECTOR *John Pusateri*

s, Inc.

3  
B  
g Aviation Co LLC  
s SR-22  
2399

### RADIO & ELECTRONIC CHECKS



DATE: 11/26/19  
HOBBS: 1112.1  
Total Time: N/A  
WO# 1602

#### AIRFRAME

1. Complied with altimeter certification, transponder certification, correlation test, and static system test in accordance with FAR 91.411, 91.413, & 43 Appendix E & F. Transponder Garmin GTX 327 P/N 011-00490-00 S/N 83727389, Avidyne EFD 5000 PFD P/N 700-00006-000 S/N 20158037, Standby United P/N 5934AD-3 S/N 455732.

THIS AIRCRAFT HAS BEEN RETURNED TO SERVICE BY:

JANSON FINKBEINER

FAA Repair Station #4JFR947B

*Gamm*

I certify that transponder Make

Model

and system

the require

W.O. #

Approved

For:

"N" #: N812D

1. COMP  
2. COMP  
TRAN: 011-06  
ERRO: AND  
CERT: TEST  
00006

\*\*\*\*\*  
THE AIRCRA  
REPAIRED A  
APPROVED F  
UNDER WOR



1. COMP  
2. COMP  
TRAN: 011-06  
ERRO: AND  
CERT: TEST  
00006

\*\*\*\*\*  
THE AIRCRA  
REPAIRED A  
APPROVED F  
UNDER WOR

1188

EAGLE AVIATION

11/26/2019

AVIONICS ENTRY

<b>"N" #:</b> N812DB	<b>Make:</b> CIRRUS	<b>Model:</b> SR22	<b>Serial #:</b> 2399	<b>Total Time:</b> 1165.3	<b>Date:</b> 05/19/2022
-------------------------	------------------------	-----------------------	--------------------------	------------------------------	----------------------------

**Description**

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. COMPLY WITH 2YR ALTIMETER, TRANSPONDER & STATIC CERTIFICATION – COMPLIED WITH TRANSPONDER CERTIFICATION IAW FAR 91.413 & PART 43 APPENDIX F ON THE GARMIN GTX 327 P/N 011-00490-00 S/N 83727389. FOUND STANDBY ALTIMETER FAILED BARO SCALE TEST AND SCALE ERROR TEST. REMOVED UNITED P/N 5934AD-3A.258G S/N 459732 (CIRRUS P/N 12731-003). RECEIVED AND INSTALLED OVERHAULED EXCHANGE UNIT UNITED P/N 5934AD-3A.258G S/N 464263 WITH CERTIFICATION DATE OF 13-MAY-2022. COMPLIED WITH ALTIMETER CERTIFICATION, STATIC SYSTEM TEST AND CORRELATION TEST IAW FAR 91.411 & PART 43 APPENDIX E. AVIDYNE EXP 5000 P/N 700-00006-000 S/N 20158037.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 97833.



SIGNED BY: Wm. W. Wolf FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

Date: 11/26/19  
S/N: 1112.1  
Time: N/A  
VO# 1602

test in  
P/N 011-  
ited P/N

R947B

I certify that transponder Make Garmin  
Model GTx 327 S/N 83727389  
the system has been tested and inspected and found to comply with  
the requirements of FAR 91.413  
W.O. # 97833 Date 5-12-2022  
Approved By: Mark Miles

For: EAGLE AVIATION, INC.  
2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT  
WEST COLUMBIA, SOUTH CAROLINA 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D

I certify that the altimeter and static system tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per Para (A) and (B) App E FAR 43

LH Make Avidyne Model EXP 5000  
S/N 20158037 has been tested to 30,000 feet  
RH Make   Model    
S/N   has been tested to   feet.

Altitude Reporting System tested to 17,500 ft.  
per Para (C) App E FAR 43  
Date 5/17/2022 Auth. Sign. Mark Miles

EAGLE AVIATION, INCORPORATED. 2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D WO # 97833

Installed Altimeter(s) Make United Mod 5934AD  
certified to meet Para (A) and (B) App E Far 43  
By Mark Miles under Work Order No: 000476842  
(Repair Station) (RS No.)

Altimeter tested to 35,000 feet on (Date) 13/MAY/2022  
Performed Static System test and inspection required by FAR Part  
91.411 as per Para (A) App E FAR 43

Date 5/17/2022 Auth. Sign. Mark Miles  
Altitude Reporting System tested to N/A ft.  
per Para (C) App E FAR 43

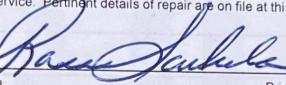
EAGLE AVIATION, INCORPORATED. 2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D WO # 97833

13a. Certifies the name, identifier, design data and/or manufacturing data  
 Approved design data and are in a condition for sale  
 Non-approved design data specified in Block 13a  
 Authorized signature:  
13b. Name (Type or Printed):

It is important to understand that  
Where the user/installer performs work  
authority of the user/installer specified in Block 13a  
(s)/propeller(s)/article(s) from the airwa  
Statements in Blocks 13a and 14a do  
certification issued in accordance with  
FAA Form 8130-3 (02-14)

CHECKED BY:  
ATURE — CERT. NO.

**MAINTENANCE RECORD**  
**F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2399 REG. NO: 812DB WORK ORDER: 8609-03-2007</p> <p> Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101</p>	DATE: 3/15/2007 A/C TSN: 7.7 HOBBS: 7.7
<b>Airframe Entries</b> (1) Removed Minor Scratches and Cleaned Windshield IAW CDC SR22 AMM 56-10 and 12-20. ... (14) Corrected Minor Exterior Paint Discrepancies IAW CDC SR22 AMM 51-20.			
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: 3/15/2007	SIGNED: 	Work Order: 8609-03-2007 Ross Sarkela Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22-G2  
S/N: 22-2399  
REG. NO: 812DB  
WORK ORDER:  
8629-03-2007



**Cirrus Design Factory Service Center**  
Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3101

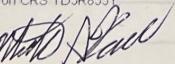
DATE: 3/21/2007  
A/C TSN: 25  
HOBBS: 25

**Airframe Entries**

(5) Removed propeller P/N 18974-001 S/N FP5573B and installed new prop P/N 18974-001 S/N FP5645B, and dynamically balanced IAW CDC AMM 61-10. Ops. and flight test good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 3/21/2007

SIGNED: 

Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 8629-03-2007

Printed by EBis 3 (datcomedia.com)

# MAINTENANCE RECORD

## F.A.R. 43.9

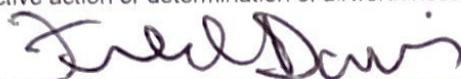
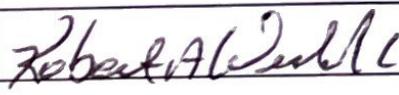
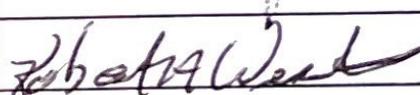
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
DATE: 3/22/2007	MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2399 REG. NO: N812DB WORK ORDER: 8643-03-2007	<p><b>Cirrus Design Factory Service Center</b></p> <p>Repair Station No: YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101</p>	<p>DATE: 3/22/2007 AVC TSN: 306 HOBBS: 306</p>
<p><b>Airframe Entries</b></p> <p>(1) Repaired paint on R/H wing in front of aileron gap seal IAW CDC AMM CH 51-20</p> <p>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</p>			
<p>SIGNED: <i>Joseph Sullivan</i></p> <p>Joseph Sullivan Certified Repair Station No: YD5R855Y</p>		<p>Work Order: 8643-03-2007</p> <p>Printed by EBis 3 (datcomedia.com)</p>	
<p>AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803</p>		<p>Friday, 30 March, 2007</p>	
<p>N 812DB S/N 2399</p>		<p>TYPE: SR22 Tach: 35.1</p>	
<p>REPAIRED CABIN HEAT DUCT</p>			
<p><i>Ricky A. Mark</i> RICKY A MARK AP30778668</p>			

**MAINTENANCE RECORD**  
**F.A.R. 43.9**



# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE: Cirrus MODEL: SR22 S/N: 2399 REG. NO. 812DB WORK ORDER: 3091-11-2007	 Flightline Group, Inc. 3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515		DATE: 11/19/2007 A/C TSN: 317.1 HOBBS: 302.6
Airframe Entries		Removed and replaced cabin entry assist handles. P/N: 10690-002... Replaced co-pilots forward lap bolster, p/n: 20343-454.... C/W SB 2X-95-11 Aft tie down ballast installation.	
Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been made at this time.			
DATE: 11/19/2007	SIGNED: 	Work Order: 3091-11-2007	
	Fred Davis, A&P: 2832998	Printed by EBis 3 (datcomedia.com)	
12-5-07	327.1	SERVICED O2 BOTTLE	 A/P 171545875
3-12-09	375.6	SERVICED O2 BOTTLE AND DEICE RESERVOIR w/ TKS FLUID	 A/P 171545875

**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				
Airframe LogBook Entry	TACAir	TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441		 <b>Authorized Cirrus Service Center</b>				
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	Flt Hobbs Time	
RDU01168	4-23-08	N812DB	Cirrus	SR22	2399	397.3	383.7	
<p>Complied with Cirrus SB 2X-28-07R1 Fuel check valve removal, as per bulletin, installed kit p/n 70195-001. Repaired fuel leak at right inbd drain valve by defueling, removing panel, replaced valve base oring, reassembled securing drain valve, cleaned panel surfaces, applied PRC sealant to affected area, refueled, leak check good. Fuel quantity indicates incorrectly, while aircraft was defueled, checked adjustment/test of fuel quantity indicator using Cirrus SR22 MM, Chapter 28-40, page 2, (3). Adjusted as needed.</p> <p>I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.</p>								
Authorized Signature:	Otis D. Hudson, Jr.		Otis D. Hudson, Jr. A&P24682642					

MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2399 REG. NO: 812DB WORK ORDER: 12061-09-2008	Cirrus Design Factory Service Center Repair Station No: YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3438	DATE: 10/10/2008 A/C TSN: 499 HOBBS: 499
<p><b>Airframe Entries</b></p> <p>(2) Flight Time: 486.3... (4) Corrected cosmetic discrepancies I A W CDC AMM 51-20... (9) Replaced LH engine Baffle P/Ns 15475-003 and 15477-001 IAW CDC AMM 71-00... (10) Adjusted bridle cable tension for autopilot pitch trim servo I A W. Cirrus SR22 A M M 22-11... (25) Replace LH Turbo lateral support bracket P/N 22-6280001 IAW TAT Report 215-10... (29) Cleaned and lubricated LH and RH aileron actuation bearings and checked rigging of aileron/rudder interconnect. Work done IAW CDC SR22 MM 27-10 and 27-20... (30) Adjusted prop gov low pitch/high RPM screw for proper take off R.P.M. to 2700 IAW CDC AMM 61-20.</p> <p>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.</p>		
DATE: 10/10/2008	SIGNED:  Mitch Vaise Certified Repair Station No: YD5R855Y	Work Order: 12061-09-2008 Printed by EBis 3 (datcomedia.com)

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE
Exec A	Hilton Head Island
1. Perform	
2. Tested	
3. R&R R	
4. R&R A	
5. Remov	
6. Repair	
7. Repla	
8. Repla	
9. Repla	
10. Repla	
11. Adjus	
12. cont	
13. Inst	
14. De	
15. Re	
16. R	
17. C	
18. A	
0-Discre	
This a	
Regula	

**Exec Air LLC**

Hilton Head Island Airport (HxD)

71 Summit Drive  
Hilton Head, SC 29926-3600  
(843) 681-4705  
info@ExecAirHiltonHead.com



Cirrus SR22  
S/N – 2399

3/30/09 H-592.3 / F- 581.4hrs

**N812DB**

1. Performed an Annual inspection IAW FAR 43 Appendix D and IAW Cirrus AMM 5-20. Pg. 1
2. Tested ELT per FAR 91.207 – satisfactory, battery exp. 12/2011.
3. R&R RT elevator and rudder for repair of corrosion, elevator repaired by FAA repair station VXWR051W and replaced rudder w/ new IAW AMM 55-20&40 P/N 20365-403-05
4. R&R Aileron/Rudder interconnect bunge IAW AMM 27-10. P/N 12983-001.
5. Removed corrosion from left flap mid pylon, acid etched, alodined, primed and top coat painted.
6. Repaired Co-pilots cup holder.
7. Replaced nose wheel axle, bearings, races, caster, yoke, Belleville washers, and retention nut with new.
8. Replaced all main gear bearings and races with new.
9. Repaired #1 alternator field wire at rear of engine at TKS flex feed line crossing.
10. Replaced #1 alternator overboard air seal and retainer.
11. Adjusted both cabin entry door latch timing.
12. continued on next page

13. Installed clear covers on stabilizer end cap holes. Pg. 2
14. Deactivated Flight Hobbs meter by capping "+" wire to meter per customer request. "Deactivated" placard installed on meter.
15. Replaced inboard wing to body fairing access plate Tinnerman attach clips with nutclips & MS screws.
16. Replaced right cabin door entry seal P/N 52010-008U
17. Cleaned aircraft, lubricated, closed all access panels.
18. All AD's complied with through March 30, 2009.

C=Discrepancy; C/A=Corrective Action; C/W=Complied with; AW=In accordance with; AMM=Aircraft Maintenance Manual; P(S)=Part (Serial) Number; R&R=Removed and Replaced

This aircraft and/or component(s) identified above were repaired and inspected in accordance with current Federal Aviation Regulations and were found Airworthy for return to service.

Jim Barker 2755069 A&P/IA

Airframe

Airframe

**American Aviation Inc.**DATE  
COMPLE

Wilkes County Airport (UKF)

Date: 02192010  
Aircraft Reg. N812DB  
Manufacture: Cirrus  
Model No.: SR22  
Serial No.: 0994

Hobbs: 716.8  
ACTT: *2399*  
ACTC: *2399*  
TSO: *2399*  
CSO: *2399*

Serviced &amp; Installed New Battery Part No. G243D, Serial No. G02482651.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

**MODEL:**  
**S/N:**  
**REG. No:****Inspection:**

- Complied with
- Complied with

**AD's:**

- AD 2009-05
- AD 2009-26

**SB's:**

- SB 2X-32-1
- P/N 70238

- SB 2X-95-1

**Maintenance:**

- Removed a
- Complied with

- Removed a

- Removed a

- Serviced O

- Removed a

- Removed P

- 700-000008

- Removed A

- Reinstalled

- Ops check

- Re-attached

- Stop drilled

- Re-sealed

**35**

# MAINTENANCE RECORD

## F.A.R. 43.9

MODEL: SR22  
S/N: 2399  
REG. №: N812DB



DATE: 4-23-2010  
HOBBS: 749.8  
TACH: 641.1

### Aircraft

#### Inspection:

- Complied with Annual Inspection IAW AMM 5-00.
- Complied with ICA checklist per STC SA01708SE (*Built-In Oxygen System*)

#### AD's:

- AD 2009-05-05 (*PDF Display*) N/A per Avidyne S/N.
- AD 2009-26-01 (*Anti-Ice fluid distribution lines*) N/A per aircraft S/N.

#### SB's:

- SB 2X-32-19 R2 (*Nose Landing Gear Assembly Inspection and Reinforcement*) complied with SB by installing kit P/N 70238-001 with SB instructions.
- SB 2X-95-12 (*CAPS CMM Line Cutters Rigging*) N/A aircraft has original CAPS Line cutters.

#### Maintenance Accomplished:

- Removed and replaced LH and RH Brake Caliper O-rings with new P/N M8346-1-222, IAW AMM 32-00.
- Complied with ELT Inspection IAW FAR 91.207(d). **Batteries Exp: December 2011.**
- Removed and replaced LH main tire with new P/N 156E66-4 S/N 92730144, IAW AMM 32-00.
- Removed and replaced RH main tire with new P/N 156E66-4 S/N 92730198, IAW AMM 32-00.
- Removed and replaced RH anti-collision light P/N 50911-001 with new, IAW AMM 33-00.
- Serviced Oxygen system to 2,000 PSI, IAW Precise Flight instructions and Cirrus AMM 12-00.
- Removed and replaced TKS edge sealant from RH wing, IAW AMM 20-00.
- Removed PFD P/N 700-00006-000 S/N 20158037 and was sent to Avidyne for Mod 55 upgrade. Reinstalled PFD P/N 700-00006-000 S/N 20158037 after repair and performed mag cal, IAW AMM 34-00. Ops check good.
- Removed Auto-pilot Program Computer 55X P/N 01192-34-61T-30 S/N 0650-10872 and was sent to S-TEC for repair. Reinstalled Auto-pilot Program computer 55X P/N 01192-34-61T-30 S/N 0650-10872 after repair, IAW AMM 34-00. Ops check good.
- Re-attached RH aft wing root fairing, IAW AMM 20-00.
- Stop drilled crack on forward baffle at LH corner, IAW AMM 20-00.
- Re-sealed LH pilot door window at top aft, IAW AMM 56-00.

----- CONTINUED -----

# MAINTENANCE RECORD

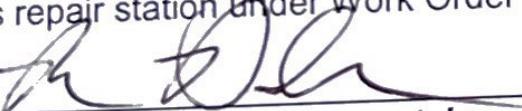
## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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### PREVIOUS

- Performed Static System leak check IAW Cirrus AMM 34-00. No leaks noted at this time.
- Re-sealed LH pilot door window at bottom front, IAW AMM 56-00.
- Removed and replaced RH "Cirrus" logo forward of door, IAW AMM 20-00.
- Performed inspection check of roll trim motor start up voltage and found it to be within limits (1.4 Volts) IAW AMM 22-00.
- Performed pitch servo clutch torque check and found to be within limits IAW Cirrus AMM 34-00.
- Performed start up voltage check and found to be within limits (1.7 Volts) IAW AMM 34-00.
- Performed aircraft functional check flight and ops check of autopilot. All systems operated normally at this time.

The airframe identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order № 18696 and 18697.

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

*Certified Repair Station*

*FJTR920D*

Form CFM 007

American Aviation Inc.

Wilkes County Airport (UKF)

Date.	10/29/2011	Hobbs:	689 0
Aircraft Reg.	N812DB	ACTT	807.0
Manufacture:	Cirrus	ACTC	
Model No.	SR-22	TSO:	
Serial No.:	2399	CSO	

Repaired Crack In Left Exhaust Collector Assembly. Reinstalled With New Gaskets  
 Part No. (636465 & FG0120830) Installed New Heat Shields Part No. (ETI-G2-20-32,  
 ETI-G3-20-25 & ETI-G3-20-31). Ground Ran Engine Checked For Leaks.

Signature.



Robert A. Wislick A/P 171549879

# MAINTENANCE RECORD

## F.A.R. 43.9

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8270 20-May-2011 WO# 5298 REF# 5298 AC TT 850.8 HOBBS 850.8  
 N812DB S/N 2399 CIRRUS SR22TN

Pg 1 / 2

### AIRFRAME

- \*COMPLETED ANNUAL INSPECTION AND LUBRICATION IAW FAR 91.409, FAR 43 APPENDIX D, TORNADO ALLEY ICAW 22-6460004, PRECISE FLIGHT MANUAL 102NMAN0003, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 5/23/11. NEXT ANNUAL INSPECTION DUE 5/31/2012.
- \*REMOVED AND REPLACED RH EXHAUST BONDING STRAP, P/N MS25083-6BB6.
- \*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B. OPS/LEAK CHECK GOOD, ALL IAW CIRRUS SR22 MM 28-20.
- \*REMOVED AND REPLACED LH AND RH BRAKE CYLINDER O-RINGS, P/N M83461-1-222, AND TEMP INDICATOR STICKERS, P/N 51698-001, 51698-003, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7. OPS/LEAK CHECK: GOOD. NEXT DUE CHANGE 5/31/2014.
- \*REPLACED MISSING RH GRAB HERE PLACARD, P/N 15735-001.
- \*REMOVED AND REPLACED LH AILERON GAP SEAL, P/N 14390-002-05, IAW CIRRUS SR22 MM 57-50.
- \*REMOVED AND REPLACED LH INTERCOOLER TO HEAT EXCHANGER SCEEET TUBING, P/N SCEET4.
- \*REMOVED AND REPLACED MIXTURE CONTROL HARDWARE IAW CIRRUS SR22 MM 76-10.
- \*RESEALED STORMSCOPE ANTENNA.
- \*REPAIRED PAINT CHIPS AT RH WING I/B L.E. AND VERTICAL STABILIZER L.E. IAW CIRRUS SR22 MM CH 51.
- \*REMOVED AND REPLACED LH AND RH BRAKE DISCS, P/N APS164-02504, AND BRAKE LININGS, P/N APS66-06200, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED ELT 406 BATTERY PACK, P/N 455-0012. REPLACED ELT REMOTE BATTERY, P/N 28L. INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). ELT MAIN AND REMOTE BATTERIES DUE 03/2017. NEXT INSPECITON DUE 5/31/2012.
- \*REMOVED AND REPLACED INDUCTION AIR FILTER, P/N 33-2022, TORNADO ALLEY ICAW. NEXT CLEANING DUE

DATI COMPL		DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8270 20-May-2011 WO# 5298 REF# 5298 AC TT 850.8 HOBBS 850.8 N812DB S/N 2399 CIRRUS SR22TN		AIRCRAFT IDENTIFICATION DETERMINATION OF WORK PERFORMED DETERMINATION OF APPROVED DATA USED		AGENCY & CERTIFICATION WORK PERFORMED DUE TO	
						Pg 2 / 2	
5/31/2012.		*BIENNIAL IFR CERTIFICATIONS COMPLETED BY PF FLYERS, CRS # Y3FR325Y, W/O # 0508. NEXT CERTIFICATION DUE 4/30/2013.		*REMOVED OXYGEN BOTTLE, P/N 1270152-3, S/N ALT281-17989, FOR HYDROSTATIC TEST BY SAFETECH USA AND REGULATOR, P/N 100N1020-4, S/N HPR100192, FOR OVERHAUL BY PRECISE FLIGHT. REINSTALLED SAME OXYGEN BOTTLE AND REGULATOR AND SERVICED SYSTEM IAW PRECISE FLIGHT MANUAL 102NMAN0003. OPS/LEAK CHECK: GOOD. NEXT HYDROSTATIC AND REGULATOR OVERHAUL DUE 05/2016.		*REPLACED AIRFRAME *COMPLETED AIR 5-00. ALL AD *REMOVED GAS AND BOWL WD 28-20.	
✓		*RESEALED CABIN AIR HEAT BOX.		*REPAIRED ALTERNATE AIR DOOR SWITCH WIRING IAW CIRRUS SR22 WM 20-10. OPS CHECK: GOOD.		*REPLACED 2 *INSPECTED APPLICABLE NEXT INSPEC *INSPECTED WEIGHED, PU INSPECTION *REPLACED P P/N 51698 *REPLACED AWBCM0001 *REPLACED *REPLACED *CLEANED A *RETORQUED *ISOLATED *SECURED	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.		5/30/11 DOUGLAS DUNCAN A&P/IA 3384163 DATE		DOUGLAS D LOG ID# 862 N812DB	

Douglas Duncan 5/30/11  
American Aviation Inc.

Wilkes County Airport (UKF)

Date: 11-22-2011 Hobbs: 772.5  
Aircraft Reg: N812DB ACTT:  
Manufacturer: Cirrus ACTC:  
Model No.: SR22 TSO:  
Serial No.: 0994 CSO:

Installed Disconnected Transponder On Avionics Mount Tray. Serviced Oxygen Bottle.

Signature, Robert A. Wislick

Robert A. Wislick A/P 171549879

DOUGLA  
LOG ID#  
N812DB

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DETERM  
THE AIRC  
WITH CUR  
REGARD

Douglas  
DOUGLA

# MAINTENANCE RECORD

DA  
COMI

JO.  
O SERVICE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 8623 29-May-2012 WO# 5532 REF# 5532 AC TT 932.4 HOBBS 932.4  
N812DB S/N 2399 CIRRUS SR22TN

Pg 1 / 2

## AIRFRAME

- \*COMPLETED ANNUAL INSPECTION AND LUBRICATION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH BI-WEEKLY 2012-11. NEXT ANNUAL INSPECTION DUE 5/31/2013.
- \*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B. OPS/LEAK CHECK GOOD, ALL IAW CIRRUS SR22 MM 28-20.
- \*REPLACED 2 RH MLG STRUT UPPER FAIRING WELLNUTS, P/N 50802-001.
- \*INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERY DUE 03/2017. NEXT INSPECTION DUE 5/31/2013.
- \*INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE 5/31/2013.
- \*REPLACED LH AND RH BRAKE LININGS, P/N 066-06200, 1 LINING PIN, P/N 177-00300, AND RH TEMP STICKERS, P/N 51698-001, 51698-003, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED LH AND RH BRAKE DISCS, P/N APS66-06200, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED RH MLG WHEEL FAIRING LOWER BRACKET, P/N 17205-002, IAW CIRRUS SR22 MM 32-10.
- \*REPLACED RH BRAKE ASSEMBLY, P/N 17122-103, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*CLEANED AND RETORQUED OIL PRESSURE SENSOR. LEAK CHECK: GOOD.
- \*RETORQUED LH AND RH I/B FUEL SENSOR MOUNTING HARDWARE. LEAK CHECK: GOOD.
- \*ISOLATED AND REPAIRED LH AND RH FLAP WELL I/B ACCESS PANEL.
- \*SECURED LH MLG WHEEL FAIRING UPPER BRACKET SPACER.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 8623 29-May-2012 WO# 5532 REF# 5532 AC TT 932.4 HOBBS 932.4  
N812DB S/N 2399 CIRRUS SR22TN

Pg 2 / 2

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

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

  
DOUGLAS DUNCAN

A&P/IA 3384163

5-29-12  
DATE

**MAINTENANCE RECORD**  
**F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p><b>American Aviation Inc.</b> Wilkes County Airport (UKF)</p> <p>Re-torqued Nose Gear Spindle Per. Cirrus SR22 Maintenance Manual Chapter 32-20.</p>	<p>Date: 04-24-2012 Aircraft Reg. N812DB Manufacture: Cirrus Model No.: SR22 Serial No.: 0994</p> <p>Hobbs: 792.4 ACTT: 923.9 ACTC: TSN: CSO:</p>

Signature,

*Robert A. Wislick*

Robert A. Wislick A/P 171549879

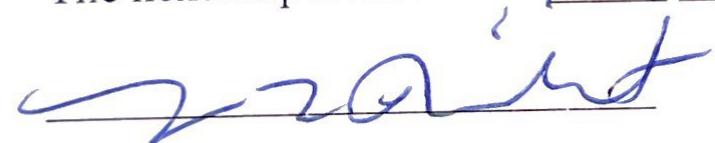
DATE	AIRCRAFT TIME IN SERVICE
09 MAR 17	6.8

March 15 2017	7.2 hrs
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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
09 MAR 07	6.8	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502</p> <p>Name: Nate Alm Date <u>09 MAR 07</u>  Signature:   Title: Production Flight Test Pilot</p>
March 15 2007	7.2 hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>March 15 2007</u>.  The next inspection is due <u>March 31 2008</u>.</p> <p></p> <p>LOREN L. THIBERT ODARF-405228-CE</p>

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE      AIRCRAFT TIME  
IN SERVICE

Airframe  
LogBook  
Entry

**TAC Air**

TAC Air Aircraft Maintenance

1725 E. International Drive, Raleigh NC 27623  
Raleigh Durham International Airport  
Phone: (919) 840-4440 Fax: (919) 840-4441



Authorized  
Cirrus Service  
Center

Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	Total Time
RDU01160	4-14-08	N812DB	Cirrus	SR22	2399	391.6	391.6

Jacked aircraft, cleaned and repacked all wheel bearings, replaced one bearing and race on nose wheel. Checked brake and tire condition, replaced all brake linings. Replaced nose gear bumper p/n13703-001. Checked nose fork spindle tension, within limits. Cleaned rust at lower end of nose gear, primed and painted. Repacked both wheel cylinders. Serviced tire pressures, bled brakes, topped off brake reservoir. Lubed all flight controls, hinges and pulleys, checked control cable tensions. Cleaned and replaced seals in fuel strainer, leak check good. Checked battery condition, serviced as needed. Checked all lights. Complied with FAR 91.207(d) ELT unit inspection with no defects noted, battery due date 12/11, ops check good. Replaced pilots' cup holder. Replaced trim around center avionics .Serviced oxygen system as needed. Complied with Cirrus Owner Service Advisory SA08-03, Tornado Alley Turbo SB, TAT SB08-01, Group A, R/H Exhaust Elbow, modified per bulletin. Complied with Cirrus SB 2X-27-14R3 Rudder/Aileron interconnect Mod, kit p/n70197-001. Complied with Cirrus SB 2X-52-07R4, Cabin Door Rodend Replacement per bulletin, kit p/n 70186-005. (Ref WO# RDU01168) I certify this aircraft has been inspected IAW an Annual inspection using FAR Part 43, App D, 100hr/Annual inspection as revised and Cirrus SR22 MM, chapter 5-20 as a guide and was determined to be in airworthy condition and approved for return to service.

I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.

Authorized Signature:

*Otis D. Hudson, Jr.*

Otis D. Hudson, Jr. A&P246826452IA



# American Aviation Inc.

Wilkes County Airport (UKF)

Date: 08-21-2013 Hobbs:  
Aircraft Reg. N812DB ACTT:  
Manufacture: Cirrus ACTC:  
Model No.: SR22 TSN:  
Serial No.: 2399 CSO:

1019.1

Top Charged And Installed Two (2) New Batteries P/N: 50979-001.

Signature, 

Robert A. Wislick A/P 171549879

# American Aviation Inc.

Wilkes County Airport (UKF)

Date: 01-13-2014 Hobbs:  
Aircraft Reg. N812DB ACTT:  
Manufacture: Cirrus ACTC:  
Model No.: SR22 TSN:  
Serial No.: 2399 CSO:

1044.0

Serviced And Installed New Main Battery P/N: G243, S/N: G02718974.

Signature, 

Robert A. Wislick A/P 171549879

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9560 03-July-2014 WO# 6023 REF# 6023 AC TT 923.0 HOBBS 1076.6  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 923.0

Pg 1 / 3

DATE

AIRFRAME  
\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 7/1/2014. NEXT ANNUAL INSPECTION DUE JUL 2015.  
\*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B. OPS/LEAK CHECK GOOD, ALL IAW CIRRUS SR22 MM 28-20.  
\*INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERIES DUE MAR 2017. NEXT INSPECTION DUE JUL 2015.  
\*INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE JUL 2015.  
\*PERFORMED ALT #1 500 HOUR INSPECTION CHANGED BRUSH BLOCK PN:ALU3045BS OPS CHECKED GOOD.  
\*PERFORMED 500 LUBE ITEMS.  
\*PERFORMED MAP PRESSURE LINE TO TURBO CONTROLLER OPS CHECKED GOOD.  
\*TIGHTENED LINES FOR MAP PRESSURE LINE TO TURBO CONTROLLER OPS CHECKED GOOD.  
\*INSTALLED LOWER PUCK PAN BUSHING AS NEEDED.  
\*SAFETIED NLG TRUNION BOLTS.  
\*RESODERED WIRES FOR ALT AIR DOOR MICRO SWITCH OPS CHECKED GOOD.  
\*REPLACED LT LOWER MLG FAIRING BRACKET WITH NEW PN:17205-001  
\*SAFETIED TURBO SUPPORTS BRACKETS AS NEEDED  
\*REPLACED ENGINE RH SIDE BAFFLE WITH NEW PN: M15471-003  
\*RESEALED PILOTS WINDOW AT LOWER LEADING EDGE CORNER.  
\*TRANSPOSED WHISKEY COMPASS CORRECTIONS TO NEW CARD AND INSTALLED.  
\*REPOSITIONED CABIN HEAT SKEET TUBING TO PREVENT HITTING EXHAUST

Next + base PD

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9560 03-July-2014 WO# 6023 REF# 6023 AC TT 923.0 HOBBS 1076.6  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 923.0

Pg 2 / 3

DATE

- \*REMOVED PROP GOVERNOR FOR LEAKING REPAIRED BY SENENICH PROPELLER, REINSTALLED AND GROUND OPS CHECKED GOOD.
- \*SEALED UPWARD FWD TOP ANTENNA AS NEEDED.
- \*CLEAN & TREATED RH AILERON TRIM TAB FOR MINOR CORROSION
- \*CLEANED AND TREATED MINOR CORROSION ON RH FLAP INBD HINGE.
- \*ADJUSTED FLAPS TO PREVENT RUBBING IN FLAP WELL
- \*RETORQUED FLAP TORQUE TUBE HARDWARE AS REQUIRED AND SAFETIED.
- \*REPOSITION LT & RT MLG STRUT GROMMENTS AS NEEDED.
- \*REPLACED LT BRAKE DISC, P/N APS164-02504, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED LT MLG WHEEL BEARINGS PN: 214-00200 & 13836-20629 IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED NLG BELEVILLE WASHERS 2 OF 4 PN:50750-101 IAW CMM 32-20
- \*REPLACED NLG THRUST WASHER WITH NEW PN/50545-001 IAW CMM 32.20
- \*REPLACED RT MLG WHEEL BEARINGS PN: 214-00200 & 13836-20629 IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*REPLACED LT & RT BRAKE LININGS, P/N APS66-06200, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWBCMM0001-7.
- \*CONNECTED ENGINE CRANK CASE VENT TUBE TO LH EXHAUST AS OUTLINED IN TAT STC.
- \*PROVIDED OWNER WITH POH REV A10 PN:13772-001A10
- \*SERVICED OXYGEN TO 2000 PSI.
- \*CIRRUS SB 2X-21-03R1 A/C CONDENSOR SEALING N/A NO A/C
- \*SB 2X-08-01 WEIGHT & BALANCE CORRECTION, PCW

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9560 03-July-2014 WO# 6023 REF# 6023 AC TT 923.0 HOBBS 1076.6  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 923.0

Pg 3 / 3

INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.



7-3-14

DOUGLAS DUNCAN

A&P/IA 3384163

DATE

# 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 DISSAPPROVING AIRCRAFT FOR SERVICE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9948 30-July-2015 WO# 6224 REF# 6224 AC TT 970.6 HOBBS 1132.8  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 970.6

Pg 1 / 2

### AIRFRAME

\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 7/21/2015. NEXT ANNUAL INSPECTION DUE 07/2016.  
CLEANED INDUCTION AIR FILTER,  
INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERIES DUE 03/2017.

NEXT INSPECTION DUE 07/2016

INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE 07/2016.

REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B, IAW CIRRUS SR22 MM 28-20. OPS/LEAK CHECK: GOOD.

\*C/W SB 2X-28-12 ELECTRIC FUEL PUMP FOR LEAK, FOUND PUMP LEAKING INTERNALLY REMOVED PUMP PN:11839-001 SN:3283 AND INSTALLED PN:77839-001 SN 6892 OPS CHECKED GOOD.

\*ROTATED LT & RT MLG TIRE ON WHEEL ASSEMBLY IAW CLEVELAND AWBCMM0001-7.

\*REPOSITIONED RT MLG STRUT GROMMET AS NEEDED.

\*CLEANED AND RETORQUED LT & RT FUEL SENDERS BECAUSE OF FUEL STAINING.

\*REPLACED LH NLG FAIRING BRACKET PN

\*REPLACED RT MLG TIRE TUBE

\*REPLACED 2 EACH NLG BELLEVILLE WASHER PN:

\*IFR CERTS COMPLETED PF FLYERS, CRS # Y3FR325Y

MAGNETOMETER CAL COMPLETED NEXT DUE 07/2017

\*REPLACED #2 BATTERIES, P/N 50979-001, IAW CIRRUS SR22 MM 24-30. OPS CHECK: GOOD. NEXT CHANGE DUE AT

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

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 9948 30-July-2015 WO# 6224 REF# 6224 AC TT 970.6 HOBBS 1132.8  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 970.6

Pg 2 / 2

1470.6 FHM OR 07/2017.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan*  
DOUGLAS DUNCAN A&P/IA 3384163

7-30-15  
DATE

3U

Living Civil A  
Authority/Cou

FAA/UNITED

4. Organization Name

Precise Flight, I

6. Item: 7.

1 77 cf R

12. Remarks:

102N0100-1 IS A  
FLIGHT, INC. SP

REFER TO WORK

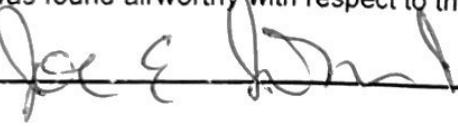
**Airframe**

DATE 8/10/2016 N812DB Model -SR22 S/N- 2399 HM-1186.6 flight/T.T.-1016.2 WO#S19-16-03457  
Engine- IO550-N s/n-690807 TT-1016.2  
Propeller- PHC-J3YF-1N s/n-FP5645B TSN-1016.2

1. Complied with annual inspection using Cirrus SR22 MM Ch.5-20-00 as a guide
2. Complied with 100 hour lubrication
3. Complied with FAR 91.207d per inspection of ELT Model: ME406 S/N:01796, Battery expires MAR 2017
4. Complied with annual inspection of portable fire extinguisher.
5. Installed hydrostatic tested oxygen bottle and overhauled oxygen regulator P/N-102N0100-1 S/N-HPR100192/1041
6. Installed new nose gear pucks (P/N J-11968-10) (18380-001).
7. Complied with ICA inspection per Tornado Alley 22-6460004 Rev C.
8. Installed two new turbo charger V-band clamps (P/N 11-1100023) ref Tornado Alley Continued Airworthiness 22-6460004.
9. Complied with ANNUAL INSPECTION OF OXYGEN SYSTEM PER PRECISE FLIGHT ICA 102NMAN0003 REV F
10. Service aircraft main battery
11. Serviced brakes
12. Complied with 5 YEAR REPLACEMENT OF RUDDER-AILERON INTERCONNECT BUNGEE CORD

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Details are on file under this work order number

SIGNED



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Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

# INSPECTION F.A.R. 43.11-91.409

ss, aircr

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

## AIRFRAME ENTRY

"N" #:	Make:	Model:	Serial #:	Total Time:	Date:
N812DB	CIRRUS	SR22	2399	1033.3	11/11/2016

### Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. COMPLY WITH SB2X-95-18R3 CAPS 10YR PARACHUTE AND ROCKET MOTOR REPLACEMENT - REMOVED PARACHUTE ASSEMBLY P/N 20331-001 S/N 02705. INSTALLED REBUILT PARACHUTE ASSEMBLY P/N 25574-004-REB, S/N 02502R1. REMOVED ROCKET MOTOR ASSEMBLY P/N 15047-001, S/N 3159 AND INSTALLED NEW ROCKET MOTOR ASSEMBLY P/N29500-003, S/N 2018. WORK PERFORMED IAW CIRRUS SB2X-95-18R3 INSTRUCTION. THE WEIGHT & BALANCE AND EQUIPMENT LIST UPDATED AND REVISED. THE NEXT PARACHUTE AND ROCKET MOTOR REPLACEMENT IS DUE 9/2026.
3. COMPLY WITH TCM S1097-3F - PERFORMED ENGINE FUEL SETUP AS REQUIRED IAW TCM S1097-3F. GROUND RUN, OPERATIONAL AND LEAK CHECKS GOOD.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93999.



EAGLE  
AVIATION.

SIGNED BY: Wm. Woy FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST



SIGNATURE  
**TECHNICAIR**

Aircraft Maintenance  
ABBA Aviation company

DA

09/07/2017 N#:N812DB MODEL:SR22 SN:2399 HM:1235.6 WO#:S19-17-04028

1. I Certify that the following appliances of the altitude indication system(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter/ADC:

#1	Model:	P/N: 700-00006-000	S/N: 20158037	Date: 9/7/2017
Stdby	Model:	P/N: 5934AD-3	S/N: 455732	Date: 9/7/2017

Altitude reporting system tested to 20,000 feet.

I certify that the following appliances of the altitude reporting system(s) have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder:

#1	Model: GTX-327	P/N: 011-00490-00	S/N: 83727389	Date: 9/7/2017
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NEXT DUE DATE: Sep 2019

APPROVED BY: John C Bell INSPECTOR FOR  
Signature TechnicAir Winston Salem, NC FAA Repair Station PAIR208A

PAGE 1 of 2

**Airframe**

DATE 9/15/2017 N812DB Model -SR22 S/N- 2399 HM-1235.6 flight/T.T.-1057.3 WO#S19-17-04028

Engine- IO550-N s/n-690807 TT-1057.3

Propeller- PHC-J3YF-1N s/n-FP5645B TSN-1057.3

1. Complied with annual inspection using Cirrus SR22 MM Ch.5-20-00 as a guide
2. Complied with 100 hour lubrication
3. Complied with FAR 91.207d per inspection of ELT and Installed battery function checked satisfactory. Battery p/n-455-0012 expires 6-1-2024
4. Installed new cabin fire extinguisher p/n-12533-004
5. Complied with ICA inspection per Tornado Alley 22-6460004 Rev C.
6. Complied with ANNUAL INSPECTION OF OXYGEN SYSTEM PER PRECISE FLIGHT ICA 102NMAN0003 REV F
7. Complied with AD 2016-16-12, no ECI cylinders are installed
8. Installed new alternate air door switch p/n-ETI-G2-703-SR
9. Installed new TIT probe ETI-G2-711.
10. Resealed antennas 2 each com 1 and storm scope antennas
11. Repaired lower skin filler of wing at flap cutout inbrd both L/H and R/H sides ref SR 22 Amm 51-20
12. Complied with fuel nozzle cleaning
13. installed turbo charger hoses p/n's-AE3663163E0200 (MCA to SDA),AE3663161E0120 (return tee to SDA),AE3663163GO100 (turbo outlet left to return tee), AE3663163GO100 (turbo outlet tee to Scavage pump). **This completes the 10 year replacement of the turbo charger hoses per Tornado Alley airworthiness limitations.**
14. Installed new o rings for the L/H brake caliper and bled brakes.
15. Installed new L/H and R/H brake disc p/n's-164-02504
16. ~~Installed~~ new pads p/n-066-06200 for L/H and R/H brakes
17. Installed new #1 EGT probe p/n-22-8350001

**CONTINUE PAGE 2**

# INSPECTION RECORD

## F.A.R. 43.11-91.409

### Airframe

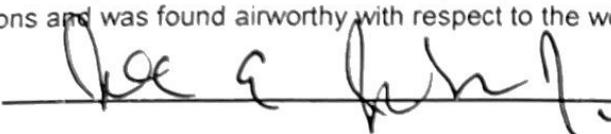
DATE 9/15/2017 N812DB Model -SR22 S/N- 2399 HM-1235.6 flight/T.T.-1057.3 WO#S19-17-04028  
Engine- IO550-N s/n-690807 TT-1057.3  
Propeller- PHC-J3YF-1N s/n-FP5645B TSN-1057.3

PAGE 2 of 2

18. Installed new well nuts p/n-50802-001,50803-001 on both lower wings at MLG Fairing attach points

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Details are on file under this work order number

SIGNED



Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

# INSPECTION RECORD

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 10986 19-October-2018 WO# 6819 REF# 6819 AC TT 1081.5 HOBBS 1081.5  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 1081.5

Pg 1 / 2

AIRFRAME  
\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22/22T MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT FAA BIWEEKLY 2018-21. NEXT ANNUAL INSPECTION DUE 10/2019. INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERIES DUE 5/2024. NEXT INSPECTION DUE 10/2019.  
INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE 10/2019.  
REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B, IAW CIRRUS SR22 MM 28-20. OPS/LEAK CHECK: GOOD.  
\*REMOVED AND REPLACED LH INBOARD FUEL SENDER P/N 13467-003 IAW CIRRUS SR22/22T MM 28-40. LEAK CHECK GOOD.  
\*REMOVED AND REPLACED RH INBOARD FUEL SENDER P/N 13467-004 IAW CIRRUS SR22/22T MM 28-40. LEAK CHECK GOOD.  
PERFORMED FUEL CALIBRATION IAW CIRRUS SR22/22T MM 28-40.  
\*RERIGGED RAI FLIGHT CONTROL MOVEMENTS IAW CIRRUS SR22/22T MM 27-20.  
\*REMOVED AND REPLACED FUEL FLOW TRANSDUCER P/N 15415-001 IAW CIRRUS SR22/22T 73-30. LEAK CHECK GOOD.  
\*REMOVED AND REPLACED ALL WELLNUTS FOR MAIN LANDING GEAR FAIRINGS IAW CIRRUS SR22/22T MM 32-10. OPS CHECK GOOD.  
\*REMOVED AND REPLACE RH MLG BRAKE SHIM P/N 068-01100 IAW CIRRUS SR22/22T MM 32-42.  
\*REMOVED AND REPLACED NLG FORK BUSHINGS WITH NEW IAW CIRRUS SR22/22T MM 32-20 50544-00, 50543-001  
\*REMOVED AND REPLACED NLG BELLEVILLE WASHERS P/N 50750-101 IAW CIRRUS SR22/22T MM 32-20.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
LOG ID# 10986 19-October-2018 WO# 6819 REF# 6819 AC TT 1081.5 HOBBS 1081.5  
N812DB S/N 2399 CIRRUS SR22TN  
FHM 1081.5

Pg 2 / 2

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas DeLano Duncan*  
DOUGLAS DELANO DUNCAN A&P/IA 3384163

*19-Oct-2018*  
DATE

## AIRFRAME ENTRY

DATE N #. Make: Model: Serial #: Total Time: Date:  
N812DB CIRRUS SR22 2399 1112.1 12/04/2019

### Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. COMPLIED WITH ANNUAL INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 5-20. GROUND RUN, OPERATIONAL AND LEAK CHECKS GOOD. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-10.
3. COMPLIED WITH ELT YEARLY INSPECTION IAW FAR 91.207(d). OPERATIONAL CHECKS GOOD. BATTERY REPLACEMENT DUE MAY 2024.
4. COMPLIED WITH 1 YR OXYGEN SYSTEM INSPECTION IAW PRECISE FLIGHT INSTRUCTION FOR CONTINUED AIRWORTHINESS DOC #102NMAN0003 REV G. OPERATIONAL CHECKS GOOD. SYSTEM SERVICED TO PROPER OPERATING PRESSURE.
5. COMPLIED WITH 200 HOUR / 1 YEAR BATTERY CAPACITY CHECK IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-20. OPERATIONAL CHECKS GOOD.
6. COMPLIED WITH 300 HOUR / 1 YEAR INTERIOR AND EXTERIOR WING FITTING INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 57-40. NO DEFECTS NOTED AT THIS TIME.
7. CAPS REEFING LINE CUTTERS DUE 6 YEAR REPLACEMENT – REMOVED AND REPLACED CAPS REEFING LINE CUTTER WITH NEW KIT P/N 25347-002 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 95-01-01. NEXT REPLACEMENT DUE JUNE 2025.
8. RESTRAINT SYSTEM INFLATORS DUE 12 YEAR REPLACEMENT – REMOVED PILOT AND COPILOT INFLATOR ASSEMBLY P/N 20902-002 S/N UNREADABLE. INSTALLED NEW PILOT INFLATOR ASSY P/N 20902-005 S/N Z7EE231D0708. INSTALLED NEW COPILOT INFLATOR ASSY P/N 20902-005 S/N Z7EE232D0078. INSTALLED NEW HARNESS 2 (EA) P/N 20902-006 AND FITTINGS P/N 20902-007. OPERATIONAL TEST GOOD. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-10. NEXT REPLACEMENT DUE SEP 2029. REPLACEMENT TIME RESET TO 10 YEARS.
9. #2 BATTERY DUE REPLACEMENT – REMOVED AND REPLACED #2 BATTERY WITH NEW P/N 50979-001 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 24-30. OPERATIONAL CHECKS GOOD.

1 OF 2

\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS  
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS  
APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY  
UNDER WORK ORDER NO. 96244. / / /

The logo for Eagle Aviation features a stylized white eagle head profile facing right, enclosed within a black square frame. Below the eagle, the word "EAGLE" is written in a bold, sans-serif font, with "AVIATION" in a smaller font directly beneath it.

SIGNED BY: John Doe FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
**FAA APPROVED REPAIR STATION NO. FEHR859D**

2DF2

10. COMPLIED WITH 1 YEAR FIRE EXTINGUISHER MAINTENACE IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 26-20. NO DEFECTS NOTED.
11. ELT REMOTE CONTROL PANEL BATTERY DUE 5 YR REPLACEMENT - REMOVED AND REPLACED ELT REMOTE CONTROL PANEL INDICATOR BATTERY WITH NEW P/N 2CR11108 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-60. OPERATIONAL CHECKS GOOD.
12. COMPLY WITH SB2X-27-16R2 MOD TO PREVENT FLAP ASSYMETRIC FLAP AND ACTUATOR - INSTALLED FLAP MODIFICATION KIT P/N 70255-002 IAW SERVICE BULLETIN INSTRUCTIONS. COMPLIED WOTH FLAP RIGGING CHECK. OPERATIONAL CHEKS GOOD.
13. COMPLY WITH SB2X-52-08R2 CATCHER DIVERTER ROD END REPLACEMENT - REMOVED PILOT AND COPILOT CATCHER DIVERTERS AND INSTALLED NEW KIT P/N 70544-801 IAW SERVICE BULLETIN INSTRUCTIONS.
14. COMPLY WITH SB2X-95-22R2 CAPS AFT GRAIN ROCKET GRAIN REPLACEMENT - RESEARCHED AND FOUND REVISION IS NOT APPLICABLE PER THE AIRCRAFT SERIAL NUMBER. NO FURTHER ACTION REQUIRED.
15. COMPLY WITH SB2X-95-18R5 CAPS PARACHUTE REPLACEMENT - RESEARCHED AND FOUND TO BE IN COMPLIANCE OF SB2X-95-18R3. NO FURTHER ACTION REQUIRED PER SERVICE BULLETIN INSTRUCTIONS.
16. ALL OVERHEAD INTERIOR LIGHTS INOP - TROUBLESHOT INTERIOR LIGHTING AND FOUND J645 & P645 CONNECTOR DISCONNECTED INSPECTED AND SECURED CONNECTIONS IAW CIRRUS SR22 WIRING MANUAL APPLICABLE SECTION OF CH 33-10-01. OPERATIONAL CHECKS GOOD.
17. INSPECT DEICE SYSTEM FOR PROPER OPERATION - SERVICED TKS DEICE SYSTEM AND PERFORMED FUNCTIONAL TESTS IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 30-07. NO DEFECTS NOTED. OPERATONAL CHECKS GOOD.
18. AILERON - RUDDER INTERCONNECT SHOCK CORD OUT OF RIG - ADJUSTED AILERON - RUDDER INTERCONNECT SHOCK CORD AND PERFORMED RIGGING CHECKS IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 27-20. OPERATIONAL CHECKS GOOD.
19. VOR ANTENNA GROMMETS DETERIORATED - REMOVED AND REPLACED VOR ANTENNA GROMMETS WITH NEW P/N MS35489-20 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 34-50.
20. DOOR STRUTS WEAK - REMOVED AND REPLACED LEFT AND RIGHT HAND DOOR STRUTS WITH NEW P/N 18200-004 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 52-10.
21. #5 EGT INDICATION LOW ON GROUND RUN - REMOVED AND REPLACED #5 EGT PROBE WITH NEW P/N 16579-002 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 77-20. GROUND RAN,

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 96244.



SIGNED BY: Ben W

EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

FOR

20F2

UOM	QTY Ordered	QTY Shipped	QTY B.O.	Serial Numbers
EA	4	4	4	

"N" #: N812DB	Make: CIRRUS	Model: SR22	Serial #: 2399	Date: 01/07/2021
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1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).  
 2. COMPLIED WITH ANNUAL INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 5-20. GROUND RAN, OPERATIONAL AND LEAK CHECKS GOOD. WORK PERFORMED I/A/W AC43.13-1B APPLICABLE SECTION OF CH 8 SECTION 1 AND CIRRUS SR22 MM, APPLICABLE SECTION OF CH 12-20.  
 3. COMPLIED WITH ELT YEARLY INSPECTION IAW FAR 91.207(d). OPERATIONAL CHECKS GOOD.  
 4. BATTERY REPLACEMENT DUE MAY 2024.  
 5. INFLATABLE RESTRAINT SYSTEM ELECTRONIC MODULE ASSEMBLY DUE 7YR REFURBISHMENT - REMOVED ELECTRONIC MODULE ASSEMBLY P/N 20902-00, S/N RA23MAY13-61 AND INSTALLED NEW P/N 20902-001, S/N A24FEB20-29. CIRCUIT TEST GOOD. WORK PERFORMED I/A/W CIRRUS SR22 MM, APPLICABLE SECTION OF CH 25-10.  
 6. COMPLIED WITH 1 YR OXYGEN SYSTEM INSPECTION IAW PRECISE FLIGHT INSTRUCTION FOR CONTINUED AIRWORTHINESS DOC #102NMAN0003 REV G. OPERATIONAL CHECKS GOOD. SYSTEM SERVICED TO PROPER OPERATING PRESSURE.  
 7. COMPLIED WITH 50HR GASCOLATOR FUEL FILTER CLEANING AND INSPECTION I/A/W CIRRUS SR22 MM, APPLICABLE SECTION OF CH 28-20. LEAK CHECK GOOD.  
 8. DEICE SYSTEM RESERVOIR LOW - SERVICED DEICE SYSTEM RESERVOIR AS NEEDED I/A/W CIRRUS SR22 MM, APPLICABLE SECTION OF CH 12-10.  
 9. L/H AND R/H MAIN TIRES WORN TO LIMITS - REMOVED RH MAIN TIRE P/N 156E66-4, S/N 92730144 AND INSTALLED NEW TIRE P/N 156E66-4, S/N 91342025. REMOVED LH MAIN TIRE P/N 156E66-4, S/N 92730198 AND INSTALLED NEW TIRE P/N 156E66-4, S/N 91342193. SERVICED TO CORRECT OPERATING PRESSURE. WORK PERFORMED I/A/W CIRRUS SR22 MM, APPLICABLE SECTION OF CH 32-41.  
 10. COMPLIED WITH #2 ALTERNATOR INSPECTION IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 24-30. OPERATIONAL CHECKS GOOD.  
 11. PERFORMED #1 BATTERY CAPACITY CHECK NO DEFECTS NOTED. CAP CHECK PASSED. CHARGED BATTERY, OPERATIONAL CHECKS GOOD. WORK PERFORMED IAW CONCORDE CMM 24-30-71 AND CIRRUS SR22 MM, APPLICABLE SECTION OF CH 24-30.  
 12. COMPLIED WITH 1 YR INTERIOR & EXTERIOR WING FITTING INSPECTION IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 57-10. NO DEFECTS NOTED AT THIS TIME.  
 13. COMPLIED WITH 1YR FIRE EXTINGUISHER INSPECTION IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 26-10. NO DEFECTS NOTED AT THIS TIME.  
 14. COMPLY WITH AD2020-16-11 CROSS-FLOW CYLINDER FRACTURE - INSPECTED AND FOUND AFFECTED CYLINDER ASSEMBLIES NOT INSTALLED. NO FURTHER ACTION REQUIRED PER MSB18-08B.  
 15. PROPELLER RPM LOW ON TAKE-OFF - ADJUSTED PROPELLER GOVERNOR AS NEEDED TO ACHIEVED CORRECT TAKE-OFF RPM I/A/W CIRRUS SR22 MM, APPLICABLE SECTION OF CH 61-20.  
 16. INSTALLED CUSTOMER SUPPLIED BATTERY MINDER BATTERY CHARGER HARNESS FOR 24 VOLT MODEL 244CEC1-S5 I/A/W INSTALLATION INSTRUCTIONS PER CUSTOMER REQUEST.

INSPECTION RECORD

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*  
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 96909.



SIGNED BY: *John Woy* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D

AIRFRAME ENTRY

"N" #: N812DB	Make: CIRRUS	Model: SR22	Serial #: 2399	Total Time: 1165.3	Date: 05/19/2022
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Description  
 COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii). APPLICABLE SECTION OF CH 5-20

\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS  
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS  
APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY  
UNDER WORK ORDER NO. 96909.

SIGNED BY: *John Woy*  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FOR  
FAA APPROVED REPAIR STATION NO. FEHR859D

"N" #: N812DB Make: CIRRUS Model: SR22 Serial #: 2399

AIRFRAME ENTRY  
Total Time: 1165.3 Date: 05/19/2022

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(i).  
2. COMPLIED WITH ANNUAL INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 5-20.  
DRAINED OIL AND SERVICED WITH 8 QTS OF PHILLIPS 20W50 GROUND RUN, OPERATIONAL AND  
LEAK CHECKS GOOD. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-10.  
3. COMPLIED WITH ELT YEARLY INSPECTION IAW FAR 91.207(d). OPERATIONAL CHECKS GOOD.  
4. BATTERY REPLACEMENT DUE MAY 2024.  
5. COMPLY WITH 5YR OXYGEN BOTTLE HYDROSTATIC TEST - REMOVED OXYGEN BOTTLE PIN  
026N2003-3 AND SENT TO PRECISE FLIGHT FOR HYDROSTATIC TEST. RECEIVED AND INSTALLED  
OVERHAULED REGULATOR & BOTTLE ASSEMBLY P/N 102N0100-1, S/N HPR1001923331. SERVICE TO  
CORRECT OPERATING PRESSURE. OPERATIONAL AND LEAK CHECKS GOOD. WORK PERFORMED  
IAW PRECISE FLIGHT OXYGEN SYSTEM ICA DOCUMENT #102NMAN0003 REVISION G.  
6. COMPLY WITH 1YR INDUCTION AIR FILTER CLEANING - PERFORMED INDUCTION AIR FILTER  
CLEANING IAW TORNADO ALLEY TURBO SYSTEMS ICA.  
7. COMPLY WITH SB2X-27-18R2 AILERON-RUDDER INTERCONNECT REMOVAL - REMOVED AILERON-  
RUDDER INTERCONNECT AND ASSOCIATED HARDWARE IAW SERVICE BULLETIN INSTRUCTIONS.  
8. COMPLY WITH OXYGEN SYSTEM ICA - SERVICED OXYGEN SYSTEM TO CORRECT OPERATING  
PRESSURE AND PERFORMED INSPECTION IAW PRECISE FLIGHT SR22/SR22T BUILT-IN OXYGEN  
SYSTEM ICA DOCUMENT 102NMAN0003, REVISION G. NO DEFECTS NOTED. OPERATIONAL CHECKS  
GOOD.  
9. COMPLY WITH 1YR #1 BATTERY CAPACITY CHECK - PERFORMED #1 BATTERY CAPACITY CHECK  
IAW CONCORDE CMM 24-30-71. CAPACITY CHECK PASS.  
10. COMPLY WITH 500HR ENGINE MOUNT WELDMENT & LOWER ATTACH FITTINGS TORQUE CHECK -  
PERFORMED TORQUE CHECKS IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 71-20 AND CH 71-  
40.

11. COMPLY WITH 300HR / 1YR INTERIOR & EXTERIOR WING FITTING INSPECTION - PERFORMED WING  
FITTING INSPECTION IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 57-10. NO DEFECTS NOTE  
AT THIS TIME.  
12. GASCOLATOR DUE 50HR FILTER ELEMENT SERVICE - PERFORMED GASCOLATOR SERVICE IAW  
CIRRUS SR22 MM, APPLICABLE SECTION OF CH 28-20. LEAK CHECKS GOOD.  
13. FIRE EXTINGUISHER DUE 1YR MAINTENANCE - PERFORMED ANNUAL FIRE EXTINGUISHER  
INSPECTION IAW MANUFACTURERS INSTRUCTIONS.  
14. STARTER LEAD CHAFFING ON BATTERY BOX - ADJUSTED CABLE ROUTING FOR CLEARANCE IAW  
INDUSTRY STANDARDS.  
15. MANIFOLD PRESSURE LOW ON TAKE-OFF SETTING - ADJUSTED MANIFOLD PRESSURE  
CONTROLLER IAW TORNADO ALLEY TURBO ICA DOCUMENT 22-8460004, REVISION C. GROUND  
CHECKS GOOD.  
16. RH MAIN WHEEL FAIRING OUTBOARD ATTACHMENT HOLE ELONGATED - REPAIRED RH MA  
WHEEL FAIRING AS REQUIRED IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 51-30.

\*\*\*\*\*  
MAINTENANCE RELEASE  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE  
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND  
APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGE  
UNDER WORK ORDER NO. 97833.

SIGNED BY: *John Woy*  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FOR  
FLIGHT, INC. SPECIFICATIONS OF 102N0000 AS CALLED OUT ON THE PRE  
REFER TO WORK ORDER FOR PARTS USED.

Part Number:	Description:
102N0100-1	77 of Regulator & Bottle Assembly
102N0100-1	Part Number: 102N0100-1
1	12. Remarks: 102N0100-1 IS A COMPONENT OF 102N0000 AS CALLED OUT ON THE PRE REFER TO WORK ORDER FOR PARTS USED.

13. Certifies the items identified above were manufactured in accordance with the  
specifications and quality control procedures of the manufacturer.

2827 (09-19-2023)

MAKE: Cirrus  
MODEL: SR22-TN  
S/N: 2399  
REG. NO.: 812DB

AEROWOOD

**Aerowood Service Center**  
1816 Aviation Dr.  
Monroe, NC 28110

Page 1 / 4

W/O #: 2827  
DATE: 09-19-2023  
A/C TT: 1178.3  
A/C Tach: 1178.3  
Hobbs: 1378.9

### Airframe Entries

(7) Annual ELT Inspection.... ELT inspected and tested in accordance with FAR 91.207. Battery replacement next due 05/2024... (8) ICA for Precise Flight O2 system.... Complied with ICA for Precise Flight O2 system with no discrepancies noted at this time. Cirrus Authorized Pilot to perform Maintenance Release Flight IAW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS –STC SA01708SE [2.4.7.1 Flight Test (Method A)].... (21) Annual Fire Extinguisher Inspection... Performed Annual Fire Extinguisher Inspection with no discrepancies noted at this time. Fire Extinguisher weight at 2 lbs 4 ounces.... (28) Left and right turbo 'V' band clamp not safetied.... Torqued, secured and safetied left and right turbo 'V' band clamps per Manufacturers Specifications. Clearance checked normal. No further discrepancies noted at this time.... (32) Recommend trimming all exhaust heat shield to prevent chaffing into exhaust.... Trimmed all exhaust heat shields for clearance. Torqued, secured and safetied all attaching hardware. Clearance checked normal. No further discrepancies noted at this time.... (41) Induction air filter wrinkled, worn and very dirty.... Installed new induction air filter P/N 33-2022. Torqued, secured and safetied all attaching hardware. Operational and clearance checked normal. No further discrepancies noted at this time.... (43) Right outboard middle engine baffling cracked.... Fabricated and installed repair patch on right outboard middle engine baffling. Secured all attaching hardware. Clearance

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

DATE	ALL
2327 (09-19-2023)	

/ICE

Page 2 / 4

checked good.... (47) Left outboard wing NACA duct panel nipple broken-off.... Cleaned and re-adhered left outboard wing NACA duct panel nipple with 5-Min Epoxy. Secured all attaching hardware. No further discrepancies noted at this time.... (48) Left outboard wing root fairing debonded.... Cleaned and re-adhered left outboard wing root fairing as required.... (50) Left and right belly heat shields debonded.... Cleaned and re-adhered left and right belly heat shields as required.... (51) Left and right aileron gap seals debonded.... Removed and replaced the left aileron gap seal p/n: 14390-003-05 using 3M F9469PC Adhesive Transfer Tape p/n: 51042-005U. Applied Adhesive Transfer Tape 51042-005U to inboard edge of the right aileron gap seal. No further discrepancies noted at this time.... (52) Elevator trim motor housing assembly loose.... Removed elevator trim motor assembly and secured loose hardware. Reinstalled elevator trim motor assembly per Manufacturers Specifications. Torqued, secured and safetied all attaching hardware. Operational and clearance checked normal. No further discrepancies noted at this time.... (54) Nose landing gear tire worn close to minimums.... Installed new Nose Landing Gear tire P/N 070-310-0 S/N 2048T00207 with new inner tire tube P/N GL-5067B per Manufacturers Specifications. Torqued, secured and safetied all attaching hardware. Leak checked normal.... (55) Nose landing gear thrust washer worn.... Installed new Nose Landing Gear thrust washer P/N W22TU per Cirrus SR22 AMM. Torqued, secured and safetied all attaching hardware. Clearance checked normal.... (56) Nose landing gear upper weldment bushings worn.... Installed new Nose Landing Gear Assembly bushings P/N 13705-003 & NAS77-10-013 with new bolts P/N NAS6608D14 per Cirrus SR22 AMM. Torqued, secured and safetied all attaching hardware. Clearance checked normal. No further discrepancies noted at this time.... (57) Left and right main landing gear outboard wheel pant brackets cracked.... Installed new left and right main landing gear outboard wheel pant bracket P/N 13522-001 with new spacer P/N 13420-102 per Cirrus SR22 AMM. Torqued, secured and safetied all attaching hardware. Clearance

DATE \_\_\_\_\_ TIME \_\_\_\_\_  
IN SERVICE \_\_\_\_\_

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

Page 3 / 4

2827 (09-19-2023)

checked normal.... (58) Left and right brake caliper temperature stickers are dark indicating an overheated condition. Brake wheel cylinder O-rings are required to be changed.... Installed new left and right brake caliper O-rings P/N M83461/1-222 with new Brake Temperature Stickers P/N 51698-001 & 51698-003 per Manufacturers Specifications. Bled brake system. Torqued, secured and safetied all attaching hardware per Cirrus SR22 AMM. Operational, clearance and leak checked normal. No further discrepancies noted at this time.... (59) Flap travels out of specifications.... Adjusted flap travels to specifications per Cirrus SR22 AMM. Torqued, secured and safetied all attaching hardware. Operational and clearance checked normal. Travels 50% at 15.9° (specs 16.0 ±0.5°) & travels 100% at 32.1° (specs 32.0° ±0.5°).... (60) Right flap torque tube bushing and rod end bearings worn.... Installed new right flap torque tube bushing P/N 50200-501 with new right flap rod end bushings P/N 11314-004 per Cirrus SR22 AMM. Torqued, secured and safetied all attaching hardware. Operational and clearance checked normal. No further discrepancies noted at this time.... (63) Brake Assembly O-Rings due for replacement on both left and right brake calipers.... Installed new left and right brake caliper O-rings P/N M83461/1-222 with new Brake Temperature Stickers P/N 51698-001 & 51698-003 per Manufacturers Specifications. Bled brake system. Torqued, secured and safetied all attaching hardware per Cirrus SR22 AMM. Operational, clearance and leak checked normal. No further discrepancies noted at this time.... (Squawk #58)... (66) Visual Inspection of both Interior and Exterior Aft Wing Attach Fittings is due. Every 12 months or 300 hours, whichever occurs first.... Performed Visual Inspection of both Interior and Exterior Aft Wing Attach Fittings per Cirrus SR22 AMM with no discrepancies noted at this time.... (70) Three Year Magneto Air Filter replacement is due.... Replaced magneto air filter p/n: 04-6700015.... (71) AD 2023-09-09 Turbo Exhaust V-Band Couplings... Complied with AD 2023-09-09 Turbo Exhaust V-Band Couplings with no discrepancies noted at this time.

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

2827 (09-19-2023)

Page 4 / 4

I Certify that this aircraft has been inspected in accordance with an Aircraft 100hr Inspection using a CHECKLIST in accordance with FAR 43 Appendix D, and Manufacturer's Maintenance Manual and was determined to be in airworthy condition. All work was accomplished in accordance with Manufacturer's Maintenance Manual and/or AC43.13-1B; AD's verified thru current biweekly; Performed Run up for operation and leak check. All items mentioned have Safeties and are functioning properly at this time.

DATE: 09-19-2023

SIGNED:

Roman Myachin

A&P or IA Number: 3737723

WORK ORDER: 2827

Printed by EBIS (EBISCloud.com)

2827 (09-19-2023)

Page 1 / 1

MAKE: Cirrus

AEROWOOD

Aerowood Service Center

W/O #: 2827

MODEL: SR22-TN

1816 Aviation Dr.

DATE: 09-19-2023

S/N: 2399

Monroe, NC 28110

A/C TT: 1178.3

REG. NO.: 812DB

A/C Tach: 1178.3

Hobbs: 1378.9

### Airframe Entries

#### 1 Annual Inspection

Annual Inspection completed this time and date in accordance with FAR 43, Appendix D and per Cirrus Aircraft chapter 5 Inspection Program.

I Certify that this aircraft has been inspected in accordance with an Annual Inspection using a CHECKLIST in accordance with FAR 43 Appendix D, and Manufacturer's Maintenance Manual and was determined to be in airworthy condition. All work was accomplished in accordance with Manufacturer's Maintenance Manual and/or AC43.13-1B; AD's verified thru current biweekly; Performed Run up for operation and leak check. All items mentioned have Safeties and are functioning properly at this time.

DATE: 09-19-2023

SIGNED:

Kevin K Franz

A&P or IA Number: 3312815 IA

WORK ORDER: 2827

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Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

**N812DB**

Flight: 1198.3

**CIRRUS DESIGN CORP, SR22, S/N: 2399**

Hobbs: 1413.3

**September 30, 2025**

- Completed 100 HR/Annual Inspection per the scope and detail of FAR 43 Appendix D and Cirrus AMM 5-20.
- Reviewed Airworthiness Directives through 2025-19. No AD's due at this time.
- Reviewed Service Bulletins through 30 Sep 2025.
- Complied with SB2X-55-15 Rudder Hinge Inspection. Rudder removed/reinstalled with new cotter pins MS24665-132 (4ea) IAW Cirrus AMM 55-40. No faults.
- Inspected gascolator and replaced packings MS29513-137 and seal NAS1523-8B. IAW Cirrus AMM 28-20.
- Serviced MLG tires to 65 psi and NLG tire to 35 psi. IAW Cirrus AMM 12-10.
- Brake pads, disc and reservoir checked IAW Cirrus AMM 12-10 and 32-42 as well as Cleveland Manual AWBCMM0001 28/USA. Replaced cotter keys (2ea) MS24665-360.
- Completed scheduled airframe lubrications IAW Cirrus AMM 12-20.
- Disassembled LH wastegate support brackets. Replaced worn upper support bolt AN5C6A. Straightened upper and lower bent wastegate support brackets. Re-assembled LH wastegate support assembly. Dressed cowling as needed due to exhaust clearance. Completed IAW Tornado Alley 22-6460006 Rev. G.
- Replaced timed out model A344 fire extinguisher, SN: D-00099406 with new model A344T gaged fire extinguisher 13-01993, SN: I-57525496. DOM 1/2025. 6 year hydrostatic inspection due 1/2031.
- Cleaned engine cowling and installed new heat shield tape (25ft) EMI650.
- Removed #3 and #5 rocker covers, cleaned mating surface, replaced gaskets (2) 668893, reinstalled rocker covers. Ran aircraft, leak check good. Work done IAW Continental MO manual 10-8.

wo: 3137

Airframe · page 2 of 3



Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

- Replaced broken LH OB fuel vent NACA duct with new 15306-001. Secured with rivets (4ea) CR3212-4-02 and sealed. IAW Cirrus AMM 28
- Adjusted elevator cable tensions IAW Cirrus AMM 6-00 and 27-30. Replaced turnbuckle clips (4ea) MS21256-2.
- Replaced worn RH elevator outboard hinge assembly 11626-004 and hinge pin 11621-002. Replaced cotter keys (2ea) MS24665-132. IAW Cirrus AMM 55-20 and 55-50.
- Line cutters replaced by Jeremy Greene. See log entry dated 12 Sep 2025. Next due 31 Jul 2031.
- Installed new battery 1 hold down RG-24-11/15. IAW Cirrus AMM 24-30.
- Removed battery 1 PN:RG24-11M SN:41355318 and installed PN:RG24-11M SN:41461744. IAW Cirrus AMM 24-30. Next replacement due at 2998.3 flight time or 30 Sep 2028.
- Replaced screws AN525-832R8 (3ea) and washer AN960-8 on RH MLG wheel fairing.
- Replaced ELT battery pack PN:452-6499 SN:374205-044 with PN:452-6499 SN:1022630. IAW Artex ME406 Series Manual. Next due 31 Oct 2031.
- Complied with TAT SB10-01 by visually inspecting alternate air door hinge IAW SB10-01 issue date 01-20-10. Next due 12 calendar months.
- Removed NLG fork assembly, cleaned all parts, replaced thrust washer 50545-01 and washer AN970-8, re-installed assembly with new cotter pin MS24665-355 and set tension. IAW Cirrus AMM 32-20.
- Performed air filter cleaning IAW TAT SI08-05.
- Replaced LH ground at exhaust with new ground cable MS25083-6BB6.
- Stop drilled crack on LH intercooler mount, fabricated patch out of 2024-T3 aluminum, installed patch with AN426-4 and AN420-4 rivets. IAW AC 43-13.1b chapter 4.
- Installed new hose clamps 50152-209 on boost pump drain line.
- Replaced starter power cable 16615-031. IAW Cirrus AMM 24-30 and 80-10.



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28. Removed LH and RH brake linings and installed new brake linings 66-62, with new rivets 06-01215 on three back plates. Performed brake conditioning procedure. Work done IAW Cirrus AMM 32-42.
29. Defueled RH fuel tank, removed leaking panel, cleaned panel and mounting surface, reinstalled leaking fuel panel with AC 350 B-1/2, refueled RH fuel tank, leak check good. IAW Cirrus AMM 28-10. Staining from previous leak still present.
30. Replaced LH MLG flexible brake hose 50555-072. Bled brake system, leak check good. IAW Cirrus AMM 32-42.
31. Aircraft operational check/leak checks IAW Cirrus AMM 5-30 satisfactory.

I certify that, at the time and date of signing this log entry, the above noted Aircraft has been inspected in accordance with an Annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM and was determined to be in an airworthy condition. Details of work performed are on file with Elite Aircraft Maintenance under work order: 3137

Dan Massey IA 3622771

A handwritten signature in black ink, appearing to read "Dan Massey".

9-12-2025 N812DB Cirrus SR22T S/N:2399 Hobbs: 1413.0 Flight: 1198.3

Replaced CAPS reefing line cutters due to time limits using Cirrus Kit P/N: 25347-002 per CMM 95-01-01. Installed new Roberts Research Lab cutters P/N: 26707-001 (8 sec.) S/N: 27354 & 27448. MFG date 7-2025.

A handwritten signature in black ink, appearing to read "Jeremy A. Greene".

AP3666293