

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

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. MAR, 07

SERIAL NUMBER 2399 REGISTRATION NUMBER N812DB

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

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

☐

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

2/14/07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE

CDC



on 2 / 14 / 07.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE / HOURS	TIME START AT INSTALL	TIME END	TIME USED	REMARKS
--------------	-------------	---------------	---------------------------	-----------------------	----------	-----------	---------

Life Limited Parts SR22

PART NAME	PART NUMBER	S/N	EXPIRES
CAPS Rocket Motor	15047-001	3159	11/16
CAPS Parachute	20331-001	02705	01/17
CAPS Reefing Line Cutters	5212	LOT TOSOGK 003-038	11/12
Oxygen Bottle Assembly	100N0020-4	MFG Date 11/06	11/2021
ELT Battery Pack	452-6504	Date Installed 02/07	DEC 2011
EMA Controller, AAIR	20902-001	S/N 15DEC06-50	DEC 2013
Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI 223T 30057	9/1/2013
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI 26GT 20018	11/1/2014

6-6-B-

SA 12-01 NW
date 4-1-2016
1/1/2017

Nov 12-10 in 4-1/2

Doyle Dunc - AP
23 3384163

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

N812DB SN 2000
FHM 957.7

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

PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE AIRCRAFT MAINTENANCE MANUAL AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH



AIRFRAME
*REMOVED CAPS LINE CUTTERS LOT # T0506K00338 WITH NEW 3064197 IAW CAPS 17/1
DUE CHANGE 06-2018 ACCOMPLISHED BY DAVID G JONES, A&P 3064197 IAW CAPS 17/1
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.



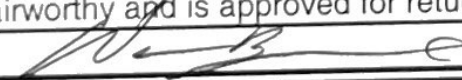
DOUGLAS D DUNCAN A&P I/A 3384163

DATE _____

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D. / BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME / RECUR.	NEXT COMP. DATE / HRS. / CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		3/14/07 7.2	Searched AD's through bi-weekly issue <u>2007-05</u> . All AD's are in compliance at this time.			 

Airframe LogBook Entry		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	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

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. YDSR855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438

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

A.D./BULL. NUMBER ITEM AFFECTED

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-95-1062. (12) AD 2008-03-16 has been previously complied with by SB2X-52-07R4 Cabin Door Rod End Replacement. No further action taken. (13) AD 2008-14-13 has been previously complied with by SB2X-52-07R4 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-parting. (17) SB2X-21-03 Air Conditioning Condenser Sealing is not applicable due to aircraft not air conditioning equipped. (18) Complied with Hartzell Propeller Inc. Alert Service Bulletin HC-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 YDSR855Y.

DATE: 10/10/2008

SIGNED:

Mitch Knase
Certified Repair Station No. YDSR855Y

Work Order: 12061-09-2008

Printed by EBis 3 (datcomedia.com)

AIRWORTHINESS DIRECTIVE

A.D./BULL. NUMBER ITEM AFFECTED DATE & HRS. AT COMP. METHOD OF COMPLIANCE

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

ITE MANUFACTURER

FAR 91.411 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:

4-27-11

W/O

0508

INSPECTOR

John P. Pender

PF Flyers, Inc.

FAA APPROVED REPAIR STATION #Y3FR325Y

APPROVED BY:
AGENCY CERT. NO.

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:

Garmin

MODEL:

GTX-327

S/N

83727389

TRANSPONDER

#2

MAKE:

—

MODEL:

—

S/N

—

DATE

04-27-2011

W/O

0508

INSPECTOR:

John P. Pender

PF Flyers, Inc.

FAA APPROVED REPAIR STATION # Y3FR325Y

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

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.

SEE FAA FORM 337 THIS DATE.

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

Dave Fetherston NEXAIR AVIONICS FAA CRS: N4OR087B

[illegible]

CHECKED BY:
NATURE — CERT. NO.

THE ATC T
91.413 WE
WITH PAR
TRANSP

TRANSP

PF Flyers, Inc.

FAA Approved repair station Y3FR325Y

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-990	30,000	30040
0	410	35,000	17
		40,000	

PF Flyers, Inc.

FAA Approved repair station Y3FR325Y

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c
-1,000	-990
0	+10
500	510
1,000	1010
1,500	1520
2,000	2030
3,000	3030
4,000	4030
6,000	6030
8,000	8070
10,000	10000
12,000	17000
14,000	14000
16,000	16000
18,000	18000
20,000	20070
22,000	22030
25,000	25040

TEST	Indicator Reading at +25c
30,000	30040
35,000	
40,000	
45,000	
50,000	
55,000	
60,000	
70,000	
80,000	

Altimeter Position	
Pilot	
Copilot	X

STB

ALT. S/N 459760

DATE 7-29-15

FORM-C-230

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: Garmin

MODEL: GTX-327

S/N 83727389

TRANSPONDER

MAKE: —

MODEL: —

S/N —

FOR: *John Pender*

FR325Y

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

CERTIFIED TO
HEIGHT *STB* FEET
30,000

S/N *459760*

INSPECTOR
John Pender
s, Inc.

STATION # Y3FR325Y

RADIO & ELECTRONIC CHECKS

SCASTM

SOUTH CAROLINA AVIONICS SERVICES, LLC

3
g Aviation Co LLC
s SR-22
2399

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

I certify that transponder Make

Model
and system
the requir
W.O. #
Approved
For:

"N" #:
N812D

1. COMP
2. COMP
TRAN:
011-00
ERRO:
AND
CERT
TEST
00006

THE AIRCRAFT
REPAIRED AND
APPROVED FOR
UNDER WORK



Tested By:

Date: 11/26/2019

AVIONICS ENTRY

"N" #: N812DB Make: CIRRUS Model: SR22 Serial #: 2399 Total Time: 1165.3 Date: 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:  FOR
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
FAA APPROVED REPAIR STATION NO. FEHR859D

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

m test in
P/N 011-
ited P/N

R947B

I certify that transponder Make Garmin
Model GTX 327 S/N 83727389
and 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: Munk Ate
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 feet.
per Para (C) App E FAR 43

Date 5/17/2022 Auth. Sign. Munk Ate

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 S/N(s) 464263
certified to meet Para (A) and (B) App E Far 43

By Midcontinent 062R061L 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. Munk Ate

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

737
148
om

1. Check the items identified above were manufactured and approved design data and are in a condition for safe use.
☐ Approved design data and are in a condition for safe use.
☐ Non-approved design data and are in a condition for safe use.
2. Authorized signature:
3. Date (Type or Print):


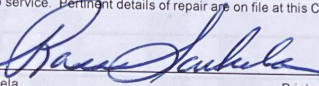
It is important to understand that engine/propeller/article.


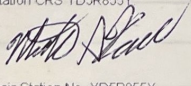
Where the user/installer performs work authority of the country specified in Block (s) propeller(s)/article(s) from the airworthiness

Statements in Blocks 13a and 14a do certification issued in accordance with FAA Form 8130-3 (02-14)

CHECKED BY: _____
SIGNATURE — 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
	MAKE: Cirrus MODEL: SR22-G2 S/N: 22-2399 REG. NO: 812DB WORK ORDER: 8609-03-2007	 Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 3/15/2007 A/C TSN: 7.7 HOBBS: 7.7
	Airframe Entries (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:  Ross Sarkela Certified Repair Station No. YD5R855Y	Work Order: 8609-03-2007 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
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MAKE Cirrus
MODEL SR22-G2
S/N 22-2399
REG NO 812DB
WORK ORDER
8643-03-2007



Cirrus Design Factory Service Center

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

DATE 3/22/2007
AVC TSN 30 6
HOBBS 30 6

Airframe Entries

(1) Repaired paint on R/H wing in front of aileron gap seal IAW CDC AMM CH 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.

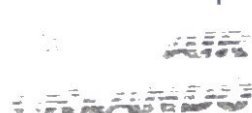
DATE: 3/22/2007

SIGNED:

Joseph Sullivan
Certified Repair Station No. YD5R855Y

Work Order: 8643-03-2007

Printed by EBis 3 (datcomedia.com)



AOA Maintenance LLC
319 N Crystal Lake Drive
Orlando Florida 32803

Friday, 30 March, 2007

N 812DB S/N 2399

TYPE SR22




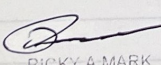
Tach. 35 1

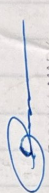
REPAIRED CABIN HEAT DUCT


RICKY A MARK
AP307786668

CERTIFICATE NO.
/RETURNED TO SERVICE

MAINTENANCE RECORD F.A.R. 43.9

DATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
 AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803		Saturday, 31 March, 2007	
N 812DB S/N 2399	TYPE SR22 Tach 2929.8 38.2		
C/W 50 HR SERVICED BATTERY, BRAKES AND TIRES.			
 RICKY A MARK AP307786668			
 AOA Maintenance LLC 319 N Crystal Lake Drive Orlando Florida 32803	N 812DB S/N 2399 SR22	TACH 58.5 HOBBS 101.9	
Tuesday, 17 April, 2007			
C/W 56-42005-10 RT CAPS PICK UP COLLAR SUPPORT REPLACEMENT BY INSTALLATION OF KIT 70181-001. 56-2495-09 CAPS STRAP ABRASION INSPECTION N/A BY SERIAL NUMBER			
 RICKY A MARK AP307786668			


RICKY A MARK
AP307786668


RICKY A MARK
AP307786668

Friday, 27 April, 2007

REPLACED RIGHT AND LEFT BRAKE O-RINGS WITH MECH4S-1-222 AND
BLEED BRAKED SYSTEM

737
148
on

MAINTENANCE RECORD

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

Sunday, 29 April 2007


RICKY A MARK
AP307786068

Tuesday, 3 July, 2007


RICKY A MARK
AP307786068

Saturday, 1 September, 2007



NR81210 64V9399
COMPLETED WITH 6B2X-52-07 AND 6B2X-27-14R2
REMOVED AND REPLACED WITH 6B2X-27-14R2
INSTALLED NEW INNER TUBES IN 301 249 138 AND
301 249 138 REPAIRED WITH 6B2X-27-14R2
SERVING TUBES IN 301 249 138 SERVED BATTERY AND TESTED

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:

Fred Davis


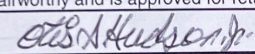
Work Order: 3091-11-2007

Fred Davis, A&P: 2832998

Printed by EBis 3 (datcomedia.com)

12-5-07	327.1	SERVICED O2 BOTTLE	Robert A. Wood A/P 171545875
3-12-09	375.6	SERVICED O2 BOTTLE AND DEICE RESERVOIR WITH TKS FLUID	Robert A. Wood 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				 Authorized Cirrus Service Center	
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	Fit Hobbs Time
RDU01168	4-23-08	N812DB	Cirrus	SR22	2399	397.3	383.7
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.							
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. A&P246826452		

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
HOBS: 499

Airframe Entries

(2) Flight Time: 486.3 (4) Corrected cosmetic discrepancies IAW CDC AMM 51-20 (9) Replaced LH engine Baffle P/Ns 15475-003 and 15477-001 IAW CDC AMM 71-00 (10) Adjusted bndle cable tension for autopilot pitch trim servo IAW 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

I have reviewed the file on this aircraft and the accompanying discrepancy form. 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 Kruse
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

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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

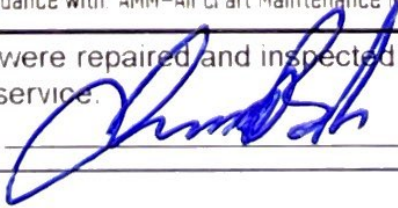
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13. Installed clear covers on stabilizer end cap holes. Pg. 2
14. Deactivated Flight Hobbs meter by capping "+" wire to meter per customer request. "Deactivated" placard installed on meter.
15. Replaced inboard wing to body fairing access plate Tinnerman 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.

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C-Discrepancy; C/A-Corrective Action; C/W-Complied with; A/W-In accordance with; AMM-Aircraft Maintenance Manual; P(S)/N-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 

American Aviation Inc.

Wilkes County Airport (UKF)

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

Date:	02192010	Hobbs:	716.8
Aircraft Reg.	N812DB	ACTT:	
Manufacture:	Cirrus	ACTC:	
Model No.:	SR22	TSO:	
Serial No.:	2399	CSO:	

DATE
COMPLETE

ATE NO.
NED TO SERVICE

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 w
 - Removed a
 - Removed a
 - Removed a
 - Serviced O
 - Removed a
 - Removed F
 - 700-00006
 - Removed A
 - Reinstalled
 - Ops check
 - Re-attache
 - Stop drilled
 - Re-sealed

MAINTENANCE RECORD

F A R 43.9

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



276 Doug Warpoole Road
Smyrna, TN 37167
615.534.4600

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 No **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

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 SCEET 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

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

DATE
COMPL

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.

*RESEALED CABIN AIR HEAT BOX.

*REPAIRED ALTERNATE AIR DOOR SWITCH WIRING IAW CIRRUS SR22 WM 20-10. OPS CHECK: GOOD.

*REMOVED AND REPLACED OXYGEN BOTTLE FILLER CHECK VALVE, P/N OXM1124. LEAK CHECK: GOOD.

*RE-RACKED AUDIO PANEL AND DFC90 AUTOPILOT. OPS CHECK: GOOD.

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.

Robert A. Wislick

5-20-11

DOUGLAS DUNCAN

A&P/IA 3384163

DATE

American Aviation Inc.

Wilkes County Airport (UKF)

Date:	11-22-2011	Hobbs:	772.5
Aircraft Reg.	N812DB	ACTT:	
Manufacture:	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

DOUGLAS D
LOG ID# 862
N812DB S

AIRFRAME
*COMPLETED A
5-00. ALL AD
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AND BOWL W
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*REPLACED 2
*INSPECTED
APPLICABLE
NEXT INSPEC
*INSPECTED
WEIGHED, PI
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Robert A. Wislick
DOUGLAS

MAINTENANCE RECORD

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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

JO.
O SERVICE

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
<u>American Aviation Inc.</u>		Date: 04-24-2012	Hobbs: 792.4
		Aircraft Reg: N812DB	ACFT: 923.9
		Manufacture: Cirrus	ACTC:
		Model No.: SR22	TSN:
		Serial No.: 0994	CSO:
Re-torqued Nose Gear Spindle Per. Cirrus SR22 Maintenance Manual Chapter 32-20.			
Signature, <i>Robert A. Wislick</i>		Robert A. Wislick A/P 171549879	

Signature,

Robert A. Wank

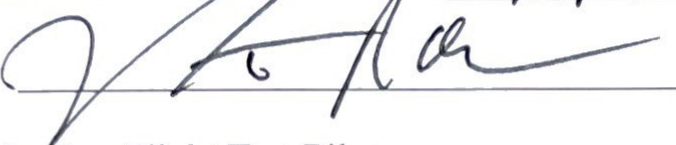
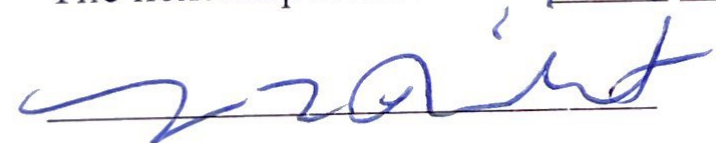
Robert A. Wislick	A/P 171549879
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March 15 2007 7.2hr

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 57	6.8	Production Flight Test accomplished in accordance with Cirrus Procedure #90502
		Name: Nate Alm Date 09 MAR 57
		Signature: 
		Title: Production Flight Test Pilot
March 15 2007	7.2 hrs	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard
		Airworthiness Certificate dated March 15 2007.
		The next inspection is due March 31 2008.
		
		LOREN L. THIBERT
		ODARF-405228-CE

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

14. Certify the items identified above were manufactured in conformity to:

11. SPECIFICATIONS IN ACCORDANCE WITH 14 CFR 43.30

12. SEE BLOCK 13

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AIRCRAFT FOR SERVICE

**Authorized
Cirrus Service
Center**

Hobbs Time	Total Time
391.6	391.6

ose wheel. Checked brake
ked nose fork spindle
oth wheel cylinders. Serviced
leys, checked control cable
ion, serviced as needed.
ery due date 12/11, ops
n system as needed.
Group A, R/H Exhaust
Mod, kit p/n70197-001.
86-005. (Ref WO#
3, App D, 100hr/Annual
airworthy condition and

ations and for the work
air are on file at this facility.
Jr. A&P246826452IA

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9111 06-June-2013 WO# 5793 REF# 5793 AC TT 845.5 HOBBS 987.0
N812DB S/N 2399 CIRRUS SR22TN
FHM 845.5

SE CERTIFICATE

AIRFRAME
*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S
AND SR'S RESEARCHED THROUGH CURRENT ATP REVISION 6-4-13. NEXT ANNUAL INSPECTION DUE JUN 2014.
*CLEANED & SERVICED R&N ENGINE AIR FILTER
*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN
AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-88. 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 JUN 2014.
*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 JUN 2014.
*R&R LT UPPER NLG FAIRING BRACKET PN:13522-001 AND SPACER PAD PN:13420-102 IAW CMM 32-10
*R&R LT UPPER NLG FAIRING BRACKET PN:12431-001 IAW CMM 11-20
*INSTALLED "NO PUSH" PLACARD ON RUDDER PN:12431-001 IAW CMM 72-60
*RESOLDER LEADS TO ALT AIR MICROSWITCH OPS CHECKED GOOD IAW CMM 78-10
*REPOSITIONED HEAT SHIELD AND INSPECTED #1 EXHAUST IAW CMM 78-10
*REMOVED AND REPLACED REBUILT EMA CONTROLLER PN:508358-421 \SN: RA23MAY13-61 IAW CMM 25-10 NEXT DUE
MAY 2020
*REPAINTED LH INBOARD ACCESS PANEL IAW CMM 51-30
*REBONDED AND EDGE SEALED LH WING ROOT FAIRING IAW CMM 53-50
*REBONDED AND EDGE SEALED RH WING ROOT FAIRING IAW CMM 53-50
*ADJUSTED RETRACT PROX SWITCH ON FLAP ACTUATOR IAW CMM 27-50
*C/W ENGINE WELDMENT TORQUE CHECK IAW CMM 71-20

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9111 06-June-2013 WO# 5793 REF# 5793 AC TT 845.5 HOBBS 987.0
N812DB S/N 2399 CIRRUS SR22TN
FHM 845.5

*LUBE CABIN ATR CONTROL AS REQ NEXT DUE 1345.5 FHM IAW 12-20
*CLEANED & TREATED & PAINTED MINOR CORROSION ON LT & RT FLAPS. IAW CMM51-30
*R&R NLG THRUST WASHER PN 50545-001 IAW CMM 32-20
*R&R NLG BELLEVILL WASHERS 4 EA PN B1500-070-S & SPINDEL NUT PN:MS17826-8 IAW CMM32-20
*REPLACED 2 EACH WELL NUTS AND SCREWS ON BAGGAGE DOOR TRIM. PN:50763-002 & 50832-004
*REPLACED 2 EACH WELL NUTS AND SCREWS ON BAGGAGE DOOR TRIM. PN:50763-002 & 50832-004

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 6-6-13
DOUGLAS DUNCAN A&P/IA 3384163 DATE

737
148
011

American Aviation Inc.

Wilkes County Airport (UKF)

Date: 08-21-2013
Aircraft Reg. N812DB
Manufacture: Cirrus
Model No.: SR22
Serial No.: 2399

Hobbs:
ACTT: 1019.1
ACTC:
TSN:
CSO:

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

Signature, *Robert A Wislick*

Robert A. Wislick A/P 171549879

American Aviation Inc.

Wilkes County Airport (UKF)

Date: 01-13-2014
Aircraft Reg. N812DB
Manufacture: Cirrus
Model No.: SR22
Serial No.: 2399

Hobbs:
ACTT: 1044.0
ACTC:
TSN:
CSO:

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

Signature, *Robert A Wislick*

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.
*TIGHTENED LINES FOR MAP PRESSURE LINE TO TURBO CONTROLLER OPS CHECKED GOOD.
*INSTALLED LOWER PUCK PAN BUSHING AS NEEDED.
*SAFETIED NLG TRUNION BOLTS.
*RESORDERED 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.
*TRANPOSED 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 SENSENICH 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.



DOUGLAS DUNCAN

A&P/IA 3384163

DATE

7-3-14

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

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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

iving Civil A
Authority/Cou

FAA/UNITED

4. Organization Name

Precise Flight, L

6. Item: 7.

1 77 of F

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 Tomado Alley 22-6460004 Rev C.
8. Installed two new turbo charger V-band clamps (P/N 11-1100023) ref Tomado 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


Signature Technician Winston Salem NC FAA Repair Station PAIR208A

INSPECTION
F.A.R. 43.11-91.409

CS, airc

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

"N" #: N812DB Make: CIRRUS Model: SR22 Serial #: 2399 Total Time: 1033.3 Date: 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 SIO97-3F - PERFORMED ENGINE FUEL SETUP AS REQUIRED IAW TCM SIO97-3F. 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.



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
A BBA 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

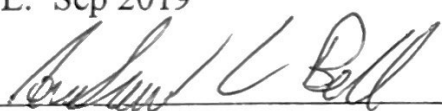
Altitude reporting system tested to 20,000 feet.

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:  INSPECTOR FOR
Signature TechnicAir Winston Salem, NC FAA Repair Station PAIR208A

Airframe

PAGE 1 of 2

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
Engine- IO550-N s/n-690807 TT-1057.3
Propeller- PHC-J3YF-1N s/n-FP5645B TSN-1057.3

PAGE 2 of 2

WO#S19-17-04028

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 Technician 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

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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. OPS CHECK GOOD.
*REMOVED AND REPLACED ALL WELLNUTS FOR MAIN LANDING GEAR FAIRINGS IAW CIRRUS SR22/22T MM 32-10.
*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

A&P/IA 3384163

DATE

19-Oct-2018

AIRFRAME ENTRY

DATE

"N" #:
N812DB

Make:
CIRRUS

Model:
SR22

Serial #:
2399

Total Time:
1112.1

Date:
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.



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

2 OF 2

10. COMPLIED WITH 1 YEAR FIRE EXTINGUISHER MAINTENANCE 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 WITH FLAP RIGGING CHECK. OPERATIONAL CHECKS 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. OPERATIONAL 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 RUN, OPERATIONAL 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. 96244.



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

20F2

737
148
om

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

"N" #: N812DB Make: CIRRUS Model: SR22 Serial #: 2399 Total Time: 1137.7 Date: 01/07/2021

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. 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 23-10.
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.

*****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: [Signature] 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

Description

COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).



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

AIRFRAME ENTRY

- | Sl. No. | Description | Time | Date |
|---------|---|-------|------------|
| 1. | COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii). | 11:53 | 05/19/2022 |
| 2. | COMPLIED WITH ANNUAL INSPECTION IAW CIRURS 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 CIRURS SR22 MM APPLICABLE SECTION OF CH 12-10. BATTERY REPLACEMENT DUE MAY 2024. | | |
| 3. | COMPLY WITH 5YR OXYGEN BOTTLE HYDROSTATIC TEST - REMOVED OXYGEN BOTTLE P/N 026N2003-3 AND SENT TO PRECISE FLIGHT FOR HYDROSTATIC TEST. RECEIVED AND INSTALLED OVERHAULED REGULATOR & BOTTLE ASSEMBLY P/N 102N0100-1, S/N HPR100192/3331. SERVICE TO CORRECT OPERATING PRESSURE. OPERATIONAL AND LEAK CHECKS GOOD. WORK PERFORMED IAW PRECISE FLIGHT OXYGEN SYSTEM ICA DOCUMENT #102NMAN0003 REVISION G. | | |
| 4. | COMPLY WITH 1YR INDUCTION AIR FILTER CLEANING - PERFORMED INDUCTION AIR FILTER CLEANING IAW TORNADO ALLEY TURBO SYSTEMS ICA. | | |
| 5. | COMPLY WITH SB2X-27-18R2 AILERON-RUDDER INTERCONNECT REMOVAL - REMOVED AILERON-RUDDER INTERCONNECT AND ASSOCIATED HARDWARE IAW SERVICE BULLETIN INSTRUCTIONS. | | |
| 6. | 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. | | |
| 7. | COMPLY WITH 1YR #1 BATTERY CAPACITY CHECK - PERFORMED #1 BATTERY CAPACITY CHECK IAW CONCORDE CMM 24-30-71. CAPACITY CHECK PASS. | | |
| 8. | COMPLY WITH 500HR ENGINE MOUNT WELDMENT & LOWER ATTACH FITTINGS TORQUE CHECK - PERFORMED TORQUE CHECKS IAW CIRURS SR22 MM, APPLICABLE SECTION OF CH 71-20 AND CH 71-40. | | |
| 9. | COMPLY WITH 300HR / 1YR INTERIOR & EXTERIOR WING FITTING INSPECTION - PERFORMED WING FITTING INSPECTION IAW CIRURS SR22 MM, APPLICABLE SECTION OF CH 57-10. NO DEFECTS NOTED AT THIS TIME. | | |
| 10. | GASCOLATOR DUE 50HR FILTER ELEMENT SERVICE - PERFORMED GASCOLATOR SERVICE IAW CIRURS SR22 MM, APPLICABLE SECTION OF CH 28-20. LEAK CHECKS GOOD. | | |
| 11. | FIRE EXTINGUISHER DUE 1YR MAINTENANCE - PERFORMED ANNUAL FIRE EXTINGUISHER INSPECTION IAW MANUFACTURERS INSTRUCTIONS. | | |
| 12. | STARTER LEAD CHAFFING ON BATTERY BOX - ADJUSTED CABLE ROUTING FOR CLEARANCE IAW INDUSTRY STANDARDS. | | |
| 13. | MANIFOLD PRESSURE LOW ON TAKE-OFF SETTING - ADJUSTED MANIFOLD PRESSURE CONTROLLER IAW TORNADO ALLEY TURBO ICA DOCUMENT 22-6400004, REVISION C. GROUND CHECKS GOOD. | | |
| 14. | RH MAIN WHEEL FAIRING OUTBOARD ATTACHMENT HOLE ELONGATED - REPAIRED RH MAIN WHEEL FAIRING AS REQUIRED IAW CIRURS SR22 MM, APPLICABLE SECTION OF CH 51-30. | | |
| 15. | COMPLY WITH SB2X-95-27R2 CAPS ROCKET IGNITER REPLACEMENT - REMOVED AND REPLACE CAPS ROCKET IGNITER WITH NEW P/N 29566-001 IAW SERVICE BULLETIN INSTRUCTION PERFORMED ELECTRIC IGNITION CHECKOUT PROCEDURE. CHECKOUT PASS. | | |
| 16. | | | |

PERFORMED ELECTRICALLY

*****MAINTENANCE RELEASE*****
*****APPLIANCE IDENTIFIED ABOVE Y*****
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE Y
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.

FOR
C&O/INA 29

ORDER NO. 97833.

SIGNED BY: [Signature] FOR

EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29

FAA APPROVED REPAIR STATION NO. FEHR859D

12. Remarks:

12. Remarks:	77 cf Regulator & Bottle Assembly
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8. Bend, Oregon, 97701
Part Number:

102N0100-1

Remarks:	
102N0100-1 IS A COMPONENT OF 102N0000 AS CALLED OUT ON THE PREC FLIGHT, INC. SPECIFICATIONS, WORK COMPLETED ON SO 120271 AND DO	8. Bend, Oregon, 97701 Part Number: 102N0100-1

REFER TO WORK ORDER FOR PARTS USED.

ALL LIFE LIMITED COMPONENTS

13. Certifies the items identified above were m...

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

ICE

2327 (09-19-2023)

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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

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 overheat condition. Brake wheel cylinder O-rings are required to be change.... 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.

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:

WORK ORDER: 2827

Roman Myechin
A&P or IA Number: 3737723

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2827 (09-19-2023)

Page 1 / 1

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

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

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

WORK ORDER: 2827

Kevin K Frantz
A&P or IA Number: 3312815 IA

Printed by EBIS (EBISCloud.com)



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

N812DB

CIRRUS DESIGN CORP, SR22, S/N: 2399

September 30, 2025

Flight: 1198.3

Hobbs: 1413.3

1. Completed 100 HR/Annual Inspection per the scope and detail of FAR 43 Appendix D and Cirrus AMM 5-20.
2. Reviewed Airworthiness Directives through 2025-19. No AD's due at this time.
3. Reviewed Service Bulletins through 30 Sep 2025.
4. 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.
5. Inspected gascolator and replaced packings MS29513-137 and seal NAS1523-8B. IAW Cirrus AMM 28-20.
6. Serviced MLG tires to 65 psi and NLG tire to 35 psi. IAW Cirrus AMM 12-10.
7. 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.
8. Completed scheduled airframe lubrications IAW Cirrus AMM 12-20.
9. 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 cowlings as needed due to exhaust clearance. Completed IAW Tornado Alley 22-6460006 Rev. G.
10. 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.
11. Cleaned engine cowlings and installed new heat shield tape (25ft) EMI650.
12. 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.



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

13. 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
14. Adjusted elevator cable tensions IAW Cirrus AMM 6-00 and 27-30. Replaced turnbuckle clips (4ea) MS21256-2.
15. 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.
16. Line cutters replaced by Jeremy Greene. See log entry dated 12 Sep 2025. Next due 31 Jul 2031.
17. Installed new battery 1 hold down RG-24-11/15. IAW Cirrus AMM 24-30.
18. 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.
19. Replaced screws AN525-832R8 (3ea) and washer AN960-8 on RH MLG wheel fairing.
20. 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.
21. 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.
22. 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.
23. Performed air filter cleaning IAW TAT SI08-05.
24. Replaced LH ground at exhaust with new ground cable MS25083-6BB6.
25. 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.
26. Installed new hose clamps 50152-209 on boost pump drain line.
27. 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", written over a white background.

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", written over a white background.
Jeremy A. Greene

AP3666293