

W67806

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

# AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP MODEL SR-20 DATE OF MFG. Sept, 06  
SERIAL NUMBER 1724 REGISTRATION NUMBER N678DG

## Inspection Status

REGISTERED

STREET

CITY, ST

OPERATOR

STREET /

CITY, ST,

REGISTERED (

STREET /

CITY, ST/

OPERATOR

STREET A

CITY, ST/

## AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP MODEL SR-20 DATE OF MFG. SEPT, 06  
SERIAL NUMBER 1724 REGISTRATION NUMBER N678DG

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

100 HOUR

SIVE

NSIBILITY

# 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
Claim #	Date	Time	Problem	Work Completed	Service Center	
59575	9/27/06	24.1	Autopilot cal and flight test due for autopilot replacement, see item 3.	light test and calibration performed for auto pilot replacement with satisfactory results.	Cirrus Service Center Duluth	
59575	9/27/06	24.1	Autopilot porpose's in "Alt" hold mode.	Removed S-Tec 55X autopilot computer (p/n 12721-004), (s/n 0626-1017) (S-Tec p/n 01192-4-53-30P) and [replaced with serviced S-Tec 55X computer (p/n 12721-004S), (s/n 0537-8835) IAW CDC SR-20 AMM 2	Cirrus Service Center Duluth	
63037	1/27/07	53.8		COMPLIED WITH SB2X-52-05 AND REPLACED CABIN DOOR STRUTS.	University Air - Gainesville	
63577	2/6/07	57	AUTOPILOT PORPOISING.	REMOVED AUTOPILOT. CLEANED CONNECTIONS. REINSTALLED.	DLK Aviation	
63577	2/6/07	57	CO-PILOT DOOR WILL NOT CLOSE SECURLY	jADJUSTED DOOR AS REQUIRED. CHECKED FOR PROPER CLOSURE.	DLK Aviation	
63577	2/6/07	57	SA 06-12 BALLISTIC RECOVER SYSTEMS ROCKET LAUNCH TUBE INSPECTION	ACCOMPLISHED ADVISORY AS DIRECTED BY BRD SB23-01. FAXED INSPECTION RECORD TO KEN PAUNA	DLK Aviation	

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2861 Aviation Way  
 West Columbia, SC 29170  
 FAA Repair Station FEHR859D

### AIRFRAME ENTRY

**Reg:** N678DG    **Make:** CIRRUS    **Model:** SR20    **Serial No:** 1724    **Total Time:** 158.9

1. **COMPLIED WITH SB2X-95-09R1 - CAPS STRAP ABRASION INSPECTION. INSTALLED KIT P/N 70142-001 IN ACCORDANCE WITH CIRRUS SB2X-95-09R1.**
2. **COMPLIED WITH SB2X-95-10R2 - CAPS PICK-UP COLLAR SUPPORT REPLACEMENT AND INSPECTION. INSTALLED KIT P/N 70181-001 IN ACCORDANCE WITH CIRRUS SB2X-95-10R2.**

### 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. **87484**.

DATE: 05/29/2007

SIGNED BY:

*Jack DeLeon*

RETAIN AS PART OF YOUR PERMANENT RECORDS




# MAINTENANCE RECORD

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Claim #	Date	Time	Problem	Work Completed	Service Center
67702	5/30/07	158.9		C/W SB A2X-95-10	Eagle Aviation
67702	5/30/07	158.9		SB 2X-95-09 COMPIED WITH CAPS STRAP ABRASION INSPECTION.	Eagle Aviation
69819	7/6/07	134.1		C/W SB 2X-71-10R1	Lapeer
69819	7/6/07	134.1		C/W SB 2X-78-07	Lapeer
69819	7/6/07	134.1		C/W SB 2X-52-07	Lapeer
69819	7/6/07	134.1		C/W SB 2X-27-14R1	Lapeer

# MAINTENANCE RECORD

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Claim #	Date	Time	Problem	Work Completed	Service Center
74416	11/19/07	181.2	PILOT DOOR DOES NOT CLOSE WELL;	ADJUSTED LOWER DOOR LATCH ON PILOT SIDE IN ACCORDANCE WITH CIRRUS MM CHAPTER 52-10	Epps Aircraft Service
78707	4/18/08	202.2		SB 2X-27-14 R3	SatsAir
80059	6/3/08	205.9		C/W SB 2X-52-07	Exec Air
80060	6/3/08	205.9		R&R heat box/valve P/N 20763-003	Exec Air
80060	6/3/08	205.9	heat exchanger had a leak	SB 2X-78-07R1	Exec Air
80363	6/13/08	205.9	Audio iRemote will not stay on to select channel	R&I XM remote. P/N 16665-502S	Exec Air

# MAINTENANCE RECORD

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Claim #	Date	Time	Problem	Work Completed	Service Ce
86278	12/1/08	286.3	Nose strut rebound bumpers (1) is missing and other (2) is cracked	R&R 2 rebound bumpers and 4 wide area washers. P/N 14020-001 & AN970-5	Exec Air
86278	12/1/08	286.3	Rudder Aileron interconnect shock cord is torn and over stretched. Photo being sent separately.	R&R shock cord and rigged Aileron to proper setting. P/N 12983-001	Exec Air
86278	12/1/08	286.3	Duct from rear baffle to heater box is torn from cable wire operating heat box flapper.	R&R duct- 27 inches long. P/N 50730-250	Exec Air
86278	12/1/08	286.3	Co-pilot door latch top is bent	R&R door latch P/N 21889-001	Exec Air
88977	4/16/09	237.1	Flap switch would not function without pushing or pulling of the switch while turning	R&R Flap switch P/N 16978-001	Exec Air
88977	4/16/09	237.1	MFD indicating Battery discharge while alt 1 and 2 were charging. Also no engine indicating on PFD or MFD	R&R MCU P/N 199000-002S, S/N 00870	Exec Air







MAINTENANCE RECORD  
F.A.R. 43.9

DATE OF  
COMPLETION

AIRCRAFT TIME  
IN SERVICE

DESCRIPTION OF WORK PERFORMED  
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.  
WORK PERFORMED/RETURNED TO SERVICE

**LEADING EDGE** 

AVIATION SERVICES, INC.

Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 9/07/2012; Aircraft: N678DG; Type: CIRRUS; S/N: 1724; Hobbs: 424.30; Tach: 325.10

- Removed and replaced CAPS Reefing Line Cutters with new PN 25347-002. Next replacement due 06/2018.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Paul Stern 

A&P 3078823

6582 Eureka Springs Rd. Tampa, Fl 33610

Tampa Executive Airport (KVDF) 813 626 1515

**LEADING EDGE** 

AVIATION SERVICES, INC.

Tampa, FL



CIRRUS  
AUTHORIZED SERVICE CENTER

Date: 5/23/2012; Aircraft: N678DG; Type: CIRRUS; S/N: 1724; Hobbs: 424.30; Tach: 325.10; Total Time:

-Removed & replaced fire extinguisher with new. P/N: RT-A400 S/N: X-802921 Current weight 521 grams.

-Removed & replaced all NLG pucks with new. PN: 11879-006

-Removed & replaced gascolator screen with new. P/N: B100510

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Bennett 

A&P 3026634

6582 Eureka Springs Rd. Tampa, Fl 33610

Tampa Executive Airport (KVDF) 813 626 1515

# MAINTENANCE RECORD F.A.R. 43.9

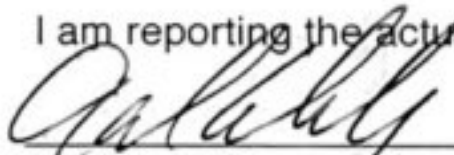
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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AIRCRAFT - CIRRUS SR20-1724 N678DG  
REPLACEMENT LOGBOOK

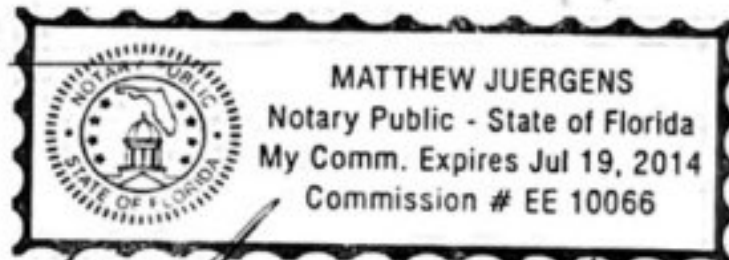
Original logbooks/records for this aircraft were in the custody of Mr. Ralf Schey at Exec Air LLC maintenance facility at the Hilton Head Island, SC airport. This is the facility that maintained the aircraft regularly. Logbooks were last seen by myself in March 2010 at the facility as they were stored in the safe located in the office of Exe Air LLC Several attempts were made to retrieve the logbooks and March 2012, Mr Schey claimed he no longer was in possession of the aircraft records.

Hobbs meters are the original meters and have not been serviced or replaced. Based on the meter readings, and past service records,

I am reporting the actual time in service (Flight Time) as

  
 Gary S Gildner, operator  
 PO Box 5333 Hilton Head, SC 29938

325  
 Grand Helix  
 425



 12/10/12  
 Matthew Juergens


# 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
12/10/12	Flight Hobbs 325	Inspected This Aircraft To Comply with Discrepances from Annual Inspection. Customer research all Cirrus Warning Paper work, and found the The Aircraft Flight Hobbs at 325 and Ground Hobbs, 425, is correct. all Hops researched. See AD list, Installed New overhauled Prop, See Prop log. Serviced Engine and Bleed Brakes. Install all Inspection Panels, Ground Run Test Cirrus Service Manual. This Aircraft Found to Be Airworthy at This Time.	<p style="text-align: right;">J Reich</p> <p style="text-align: right;">AP 32501382 IT</p>
Ground Hobbs	425		
12/10/12	Flight Hobbs 325	Removal #2 Radio - See maintenance	<p style="text-align: right;">J Reich</p> <p style="text-align: right;">AP 32501382</p>

# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Dec. 12 2012	Hobbs 426.6 Flt Timer 325.6 N678DG	Removed, Inspected, Tested, and reinstalled ELT, checked good batteries dated December 2012. IAW 91 207 PAR A D	
		<i>Raymond L. Larner</i> Raymond L. Larner Airframe Mech 3220813	



**Sarasota Avionics**  
INTERNATIONAL

Sarasota Avionics PGD  
27220 Airport Rd. Bldg. 211  
Punta Gorda, FL. 33982  
(941) 360-6877 Ext. 146

Date: 12/13/2012; Aircraft: N678DG; Type: CIRRUS SR20; S/N: 1724  
Shop Order # 40301

Repaired leaks in Pitot/Static System by tightening various fittings in aircraft.

Pilot Altimeter (PN: 15222-004 SN: 20043346 ) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. Stand-By Altimeter (PN: 12731-002 SN: 456624 ) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment (PN: A-30 SN: 102664 ) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14CFR91.217 (b). The transponder (PN: GTX-327 SN: 83725421 ) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14CFR 91.411.

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

*Aleigh E. Yeomans*  
SC02532X

Aleigh Yeomans for Sarasota Avionics Inc. CRS#



# 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
1/31/2013	N678DG	TT 326.2 Removed Garmin 430 P/N 011-0280-10 S/N 97135597 installed Used Garmin 430W P/N 011-01020-40 S/N 97130893 unit was tested and inspected by Sarasota Avionics 01/08/13 3130-3 sticker located on the unit. Removed GPS antenna and Coaxial cable reinstalled new coax cable provide by Sarasota avionics and new Garmin WAAS antenna P/N 013-00235-00 S/N 88992 IAW Garmin STC Upgrade Installation Manual 190-00356-06 Rev C Dated March 2006 and STC SA01933LA Raymond L. Larner, Mechanic, Airframe 3220813	
		Raymond Larner 1/31/2013	

1. Approving National Aviation Authority/Country: FAA/United States		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				1. Form Tracking Number <b>6891</b>	
4. Organization Name and Address: SARASOTA AVIONICS, Inc • 120 West Airport Avenue • Venice, FL 34285						3. Work Order/Project/Jobing Number: <b>6891</b>	
6. Reg.	7. Description	8. Part Number	9. Eligibility*	10. Qty/Qty	11. Serial/Batch Number	12. Status/Work	
	GN5430W	011-01060-40		1	9713	I n s p .	
13. Remarks <b>0893</b> <b>Tested &amp; Insp IAW</b> <b>Manual 190-00356-05 <sup>REV</sup> A Oct 05</b>							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.				10. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service. <input type="checkbox"/> Other regulations specified in Block 13. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Initials only:		20. Authorized Signature: <i>Walter Brown</i>		21. Approval/Certificate No.: SQCR632X	
17. Name (Typed or Printed):		18. Date (only):		22. Name (Typed or Printed): <i>Walter Brown</i>		23. Date (only): 1-31-13	
*Manufacturer Responsibility							
<p><small>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts jurisdiction over the work performed under the airworthiness authority of the country specified in Block 1.</small></p> <p><small>Statements in Block 14 and 15 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certificate filed in accordance with the national regulations by the user/installer before the aircraft may be flown.</small></p>							



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## F.A.R. 43.9

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1/31/2013	N678DG	TT 326.2 C/W Cirrus Service Bulletin SB 2X-25-01 and AD 2008-01-07 as required by SB 2X-05-01 C/wasse moved, cleaned, Replaced C-Ring seals with new M934811-1-222 seals, replaced brake pads with new part number 008-10500 and bleed brakes During replacement, due on condition of 500 hours, next due 808.2 Raymond L. Larner, Mechanic, Airframe 3220813	
1/31/2013	N678DG	TT 326.2 C/W Cirrus Service Bulletin SB 2X-25-19. Removed seats c/w service bulletin reinstalled seats and tested IAW AMM 25-10 Raymond L. Larner, Mechanic, Airframe 3220813	
1/31/2013	N678DG	TT 326.2 C/W Cirrus Service Bulletin SB 2X-74-01. Inspected spark plugs and found all to be "E" part number plugs Raymond L. Larner, Mechanic, Airframe 3220813	

*Raymond L. Larner* 1/31/2013

*Raymond L. Larner* 1/31/2013

*Raymond L. Larner* 1/31/2013

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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# 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
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19 Sep 06	6.2	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90500.</p> <p>Name: Ross E. Rotramel      Date <u>19 Sep 06</u></p> <p>Signature: <u>Ross E. Rotramel</u></p> <p>Title: Production Flight Test Pilot</p>
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20 Sep 2006	6.2	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Sep 17 2006</u></p> <p>The next inspection is due <u>Sep 30 2006</u></p> <p style="text-align: center;"><i>Paul R. Sitko</i></p> <p style="text-align: center;">PAUL R. SITKO ODARF-405228-CE</p>
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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 DISAPPROVING AIRCRAFT

Dec 24, 2013 450 5 FT 619.7 Hobbs

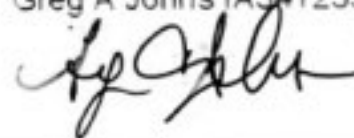
Removed Garmin GNS430 S/N 97135585 from the number 2 position. Radio upgraded to a GNS430W by Garmin and reinstalled in the number 2 position using existing provision. Replaced the #2 GPS antenna with new GA56W antenna and coaxial cable using the provision left from the standard installation. Radio was configured identical to original unit. Garmin GNS430W Flight Manual Supplement was added to the Aircraft Flight Manual. Updated equipment list. Weight and balance is unchanged.

Raymond L Lamer A3220813

Dec 24, 2013 450.5 FT 619.7 Hobbs

Performed annual inspection in accordance with Cirrus SR20 maintenance manual Section 5-20 scheduled inspection report. Cleared wing drain holes in accordance with Wing Cuff Depression Procedure supplied by Cirrus Tech support. Replaced left main gear tire, cleaned and greased bearings. Replaced both nose gear rebound bumpers, P/N 1-4020-001 C/W AD2008-11-18 by inspection/test per Cirrus SB 2X-78-07R1 Inspected ELT and tested IAW FAR91 207(d) Updated AD Compliance report. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Greg A Johns IA3412537AP



Feb. 14, 2014 472.5 FT 648.9 Hobbs

Replaced left nav light lens and lamp.



Greg Johns AP3412537

4/4/2014 476.1 FT 655.4 Hobbs  
Replaced left main wheel inner tube.



Greg Johns AP3412537



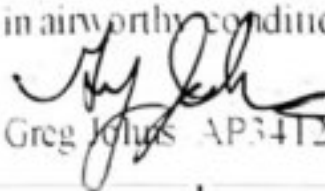


# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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10/23/2014 N678DG Flight time 649.3 Hobbs 880.6  
 Performed annual inspection in accordance with Cirrus  
 AMM section 05-20. Installed new CAPS Handle safety pin  
 P/N 26322-001. Installed new "GRAB HERE" placard on right  
 front panel, P/N 15735-005. Cleaned corrosion on negative post  
 of battery #1 and installed serviceable hardware. Complied with  
 AD2008-11-18 by inspection/test IAW Para (e)(1) of AD  
 instructions. I certify that this aircraft has been inspected in  
 accordance with an annual inspection and was determined to be  
 in airworthy condition.



Greg Johns AP3412537IA LPC Aviation Inc. Punta Gorda FL

10/23/2014 F.T. 649.3 Inspected  
 and tested ELT IAW FAR 91.207(d).  
 Batteries dated Dec. 2020.  
 Greg Johns AP3412537

12/17/14 FLT. time 674.6

Installed new CONCORDE. RG24-15M 28wolt Battery  
 S/N 40689615  
 Signature of [unclear] 3220713 Airframe Mech







# INSPECTION RECORD

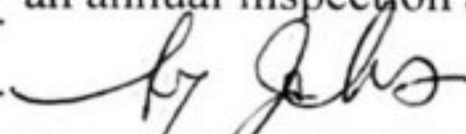
## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

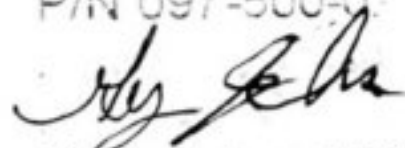
KIND OF INSPECTION-STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

April 18, 2015 748.3 FT, 1024.5 Hobbs. N678DG  
Performed annual inspection in accordance with Cirrus Maintenance Manual Section 05-20 and 05-30. Installed new #2 battery. ELT tested good IAW FAR91.207 (d). Replaced left main gear tire with new Condor 15.00x6x6. Replaced wheel pant mounting brackets on both main gear, P/N 17205-001 and 17205-002. Compiled with AD2008-11-18 by pressure test IAW Para 1. No action required, due each 100 hours. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

 AP3412537 IA

Greg Johns AP3412537 IA LPC Aviation Inc. Punta Gorda FL

May 18 2015 N678DG 1080.1 hobb 787.0 FT  
Replaced left main gear inner tube with new tube  
P/N 097-500-0


 AP 3412537

Greg Johns AP3412537 LPC Aviation Inc  
Punta Gorda FL



# INSPECTION RECORD

## F.A.R. 43.11-91.409

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9/22/2015	N678DG 847.9 FT 1165.3 Hobbs	<p>Performed annual inspection in accordance with Cirrus Scheduled Inspection Report and Operational Inspection Check. Replaced left main tire with new Condor tire. Cleaned and repacked wheel bearings. ELT inspected and tested good IAW FAR91.207(d). Battery dated 12/2022. Complied with AD2008-11-18 by pressure test of heat exchanger. No discrepancy found. Due each 100 hours. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p> Greg Johns AP3412537 IA LPC Aviation Inc. Punta Gorda FL.</p>

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27220 Airport Rd. Bldg. 211  
Punta Gorda, FL 33982  
(941)360-6877 Ext140

Date: 2/01/2016; Aircraft: N678DG; S/N: 1724; Hobbs: 1239.10  
Pilot Altimeter (PN:15222-004 SN:20043346) and the Stand-By Altimeter (PN:12731-002 SN: 456624)  
have been tested to an altitude of 20,000 feet and were found to comply with App E of 14 CFR 43. The  
Automatic pressure altitude reporting equipment (PN:A-30 SN: 102664 ) was tested and found to comply  
with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder (PN: GTX  
-327 SN: 83725421 ) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR  
91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411. WO:  
406462

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

A handwritten signature in black ink, appearing to read "George Menosky", is written over a horizontal line.

George Menosky for Sarasota Avionics Inc. CRS#S0QD632X


# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Feb. 3, 2016 901.6 FT 1239.1 hobbs  
Replaced right main gear tire with new Condor  
tire. Repacked wheel bearings. Replaced yellow  
temp sensor, P/N 51698-003 on right brake.  
Replaced nose wheel tire with new Condor tire  
Repacked wheel bearings.

*Greg Johns* AP3412537

Greg Johns AP3412537 for LPC Aviation Inc.  
Punta Gorda FL





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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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06/29/2016  
4701 N.E. 40th TERRACE  
GAINESVILLE, FL 32609

N678DG MODEL: CIRRUS MAKE: SR20 S/N: 201724 FLT: 1004.9 HOBBS: 1386.0
--

1. Removed Rocket assembly S/N 2945 and installed new assembly P/N 29500-403 S/N 1740 Next Due May 2026 Work performed IAW Cirrus CAPS CMM.
2. Removed Parachute assembly S/N 03909 and installed repacked assembly P/N 25574-003-REB S/N 03890R1 Next Due April 2026. Work performed IAW Cirrus CAPS CMM.
3. PCW SB2X-95-13 CAPS strap inspection and grommet installation.
4. Complied with SB2X-95-18 R3 CAPS rocket motor assembly replacement.
5. Updated weight and balance. Installed POH supplement
6. Installed O/H EMA controller S/NRA01FEB16-28 expires February 2023

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR part 43, and with the respect to the work performed is airworthy and approved for return to service.

Ian Thiessen A&P 3585304 IA

A handwritten signature in black ink, appearing to read "Ian Thiessen", is written over a horizontal line. The signature is fluid and cursive.








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Staller befor

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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



44050 Russia Road Elyria, Ohio 44035

440-323-7000

440-323-7098 (FAX)

**N678DG    FLIGHT: 1134.0    HOBBS: 1556.9    ACTT: 1134.0    DATE: 03-09-18**

Complied with **ANNUAL inspection** in accordance with the scope and detail of FAR 43 Appx. D. AD's researched through 2018-05. Inspected and tested ELT in accordance with FAR 91.207(d) **ELT batteries due Dec 2022**. Replaced right brake disc P/N 164-01501 and brake linings P/N RA66-105. Replaced left and right brake caliper O-rings P/N M83461/1-222 and Temp. stickers P/N 70227-002. Replaced Tachometer sending unit P/N 12323-002. Replaced CAPS activation handle cover P/N 12600-003. Replaced right fuel quantity sending unit P/N 12638-002. Replaced Pilot and Co-pilot seat AAIR seat belt inflators P/N 20902-005, wire harnesses P/N 209022-006 and fittings P/N 20902-007, Inflators due next FEB 2030. Replaced CAPS line cutters P/N 26707-001, line cutters due next Feb 2024. Reinstalled Co-pilots beverage holder. *I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.*

James R. Schall 3399344 IA

A handwritten signature in black ink, appearing to read "James R. Schall", is written over a horizontal line.















# INSPECTION RECORD

## F.A.R. 43.11-91.409

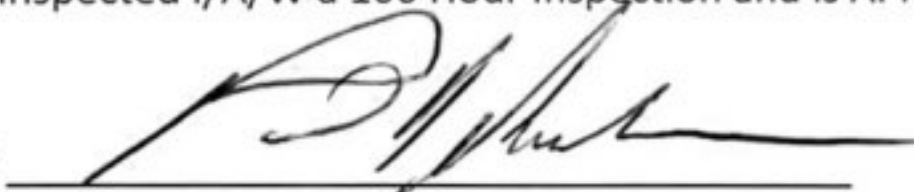
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

100 HOUR INSPECTION - AIRFRAME and ENGINE

N678DG S/N 1724 11/7/2019 HOBBS REF 2093.2 TACH 1506.5

I certify that I have inspected this aircraft I/A/W a 100 Hour Inspection as per Cirrus MM 5-20 pgs 5-23. The following defects were corrected: Replaced RMLG Tire for NML wear using GY FCIII 15-6.00-6 s/n 91362406. Main Tire pressure convenience placards on fairings were incorrect. removed convenience placards. Should operator wish to install correct convenience placards, they should be MAINS 62+2-0 PSIG, NOSE 40+2-0 PSIG. C/W AD 2008-11-18 Exchanger by SB 2X-78-07R1 See PlaneXhaust w/o 37165 for Certs. Next due FHM 1606.5 I certify this AIRFRAME/ENGINE AND PROPELLER have been inspected I/A/W a 100 Hour Inspection and is APPROVED FOR RETURN TO SERVICE at this time.

·1 Gendron A&P 3124630

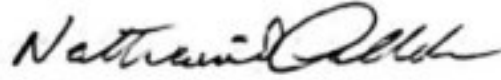




CIRRUS SR20  
N 678DG 5/N 1724  
7/20/2020 AIRFRAME  
Hobbs 2200.7 Flight 1582.5

ELT BATT DUE 12/2022  
AD'S OK AS PER BIWEEKLY 2020-14  
RECURRENT AD'S COMPLIED WITH  
2008-11-18 PRESSURE TEST HEAT EXCHANGER  
NEXT DUE 1682.5  
FAR 91.411 TRANSPONDER DUE Sept/2021  
REMOVE AND REPLACED RIGHT BRAKE PADS  
AND TEMP SENSORS  
LUBED FLT CONTROLS  
REPLACED LEFT MAIN TIRE 15X6.0/6/120  
SPIN TEST OK  
ELT BATT DUE 12/2022  
AD'S OK AS PER BIWEEKLY 2020-14  
RECURRENT AD'S COMPLIED WITH  
2008-11-18 PRESSURE TEST HEAT EXCHANGER  
NEXT DUE 1682.5  
I CERTIFY THAT THIS AIRCRAFT  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL/100 INSPECTION  
USING CIRRUS M/M CHAPTER 5-20-23  
AND WAS FOUND TO BE IN A  
AIRWORTHY CONDITION

NATHANIEL CALLENDER  
A&P IA 2290944



43

N678DG 08 JUNE 2020 WO# A9572FLR PAGE 1-1

REMOVED AVIDYNE PFD PN: 700-00006-000 SN: 20088397 AND REPLACED WITH OVERHAUL  
PFD WITH SAME PN, SN: 20023425 (8130-3 DATED 27 MAR 2020 AND 03 JUNE 2020) IAW  
AVIDYNE ENTEGRA AND ENVISION EX5000 INSTALLATION MANUAL PN: 600-00073-001 REV 2  
DATED 06/17/2019. SOFTWARE IS AT MOD 55. RECALIBRATED MAGNETOMETER. PITOT-STATIC  
SYSTEM WAS CHECKED FOR LEAKS AND IS WORKING PROPERLY. CHECKED ALL FUNCTIONS OF  
PFD AND ALL ARE WORKING PROPERLY.

SIGNED:



DATE:

08 - JUNE - 2020

APG Avionics CRS#N10R037B - 8150 Skylane Way, Punta Gorda FL 33982  
+1 (941) 637-6530 <http://www.avionix.com>



# INSPECTION RECORD

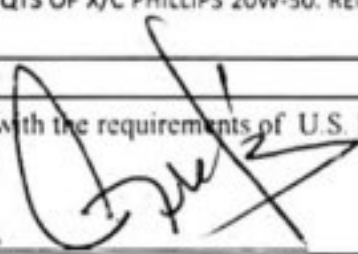
## F.A.R. 43.11-91.409



DATE

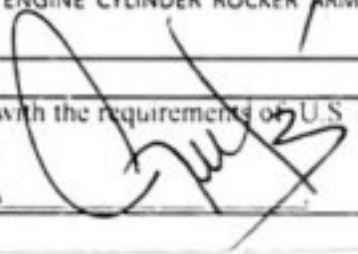
AIRCRAFT TIME  
IN SERVICE

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

 <b>MNL TECHNOLOGIES</b> Phone: 954-4899091 FXE-FORT LAUDERDALE	 <b>CIRRUS</b> MAINT. CENTER	<h3 style="margin: 0;">LOG BOOK ENTRY</h3> TTAF/TACH: <u>1585.2</u> MAKE: <u>CIRRUS DESIGN CORP</u> S/N: <u>1724</u>	LANDINGS: <u>N/A</u> MODEL: <u>SR20</u> REG #: <u>N678DG</u>
Completion of Work: PERFORMED PREBUY INSPECTION I/A/W CIRRUS CERTIFIED SR2X CHECKLIST. REPLACED ENGINE OIL AND SERVICED WITH 8 QTS OF X/C PHILLIPS 20W-50. REMOVED, INSPECTED AND REPLACED WITH NEW UNIT, ENGINE OIL FILTER P/N: AA4810B-2. OIL SAMPLE WAS TAKEN AT THIS TIME.			
Details of work performed are on file under WO# <u>MNL-NRS-2020-10366</u>			
I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work preformed.			
Date: <u>9/29/2020</u>		FAA A/P LICENSE: <u>Guillermo Brenke AP 3027438 IA</u>	
Form MNL-013M			



 <b>MNL TECHNOLOGIES</b> Phone: 954-4899091 FXE-FORT LAUDERDALE	 <b>CIRRUS</b> MAINT. CENTER	<h3 style="margin: 0;">LOG BOOK ENTRY</h3> TTAF/TACH: <u>1585.2</u> MAKE: <u>CIRRUS DESIGN CORP</u> S/N: <u>1724</u>	LANDINGS: <u>N/A</u> MODEL: <u>SR20</u> REG #: <u>N678DG</u>
Completion of Work: CORRECTED OIL LEAK THROUGH ENGINE SUMP DRAIN VALVE BY REPLACEMENT OF 50894-001 GASKET. REPLACED ALL ENGINE CYLINDER ROCKER ARM COVER GASKETS 635704 I/A/W CONTINENTAL M0 MM. ENGINE RUN, CHECKED BY LEAKS AFTER WORK AND FONUD OK.			
Details of work performed are on file under WO# <u>MNL-NRS-2020-10370</u>			
I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work preformed.			
Date: <u>9/30/2020</u>		FAA A/P LICENSE: <u>Guillermo Brenke AP 3027438 IA</u>	
Form MNL-013M			



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

DATE

AIRCRAFT TIME  
IN SERVICE

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

LOGBOOK ENTRY: SR-20 N 67826 FLT Hogs 16025  
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED  
TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413)  
AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE  
AT THIS REPAIR STATION UNDER W.O. 111220 DATE NOV 12, 2020

SIGNATURE Mark B. Alexander INSP. (MBA)  
TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A  
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M  
FT. LAUDERDALE EXECUTIVE AIRPORT \* ARCHER RAMP \*  
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM

GAMMIN GTX 345 S/N 3EG 029542

A/C FOUND ADS-B COMPLIANT

CERTIFICATION EXPIRES ON NOV 30, 2022



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

DATE

AIRCRAFT TIME  
IN SERVICE

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

## LOG BOOK ENTRY



Phone: 954-4899091  
FXE-FORT LAUDERDALE



TTAF/TACH: 1608.4  
MAKE: CIRRUS DESIGN CORP  
S/N: 1724

LANDINGS: N/A  
MODEL: SR20  
REG #: N678DG

**Completion of Work:**

1. COWL MOUNTED LANDING LIGHT LSM-500-082 INSTALLATION I/A/W FAA STC No. SA02279AT.
  - 1.1 REMOVED THE FOLLOWING EQUIPMENT: -LANDING LIGHT P/N: LSM-500-00-100 REV A, S/N: 13832 FROM FS 80.0
  - 1.2 INSTALLED THE FOLLOWING EQUIPMENT: -LANDING LIGHT P/N: LSM-500-082-19, S/N: 67129 AT FS 80.0. IN NEW CONDITION.
2. ALL WORK WAS PERFORMED IAW: -FAA STC No. SA02279AT REV. U DATED 08/09/2019. -MANUFACTURER INSTALLATION INSTRUCTIONS (WHELEN AEROSPACE TECHNOLOGIES).
3. A SATISFACTORY GROUND TEST WAS COMPLETED.
4. WEIGHT AND BALANCE CHANGE DUE TO THIS WORK IS NEGLIGIBLE.
5. A FAA 337 FORM WAS MADE.

Details of work performed are on file under WO# MNL-NRS-2020-10413

I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work performed.

Date: 12/14/2020

FAA A/P LICENSE: Guillermo Brenke AP 3027438 IA

Form MNL-013M

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D.



Date 8/16/2021

# Airframe Logbook Entry

AIRCRAFT: N 678DG

CRS AWKR298C

S/N: 1724

W/O# 19478

25170 Aviation Ave., Davis, CA 95616

FLIGHT  
METER

1640.7

INSTALLED NEW HOBBS / FLIGHT METER RELAY. OPERATIONAL CHECKED NORMAL. REMOVED HOBBS AND FLIGHT METERS. RAN HOBBS METER 41.2 HOURS TO A TOTAL OF 2274.4 AND RAN FLIGHT METER 32.2 HOURS TO A TOTAL 1640.7. INSTALLED NEW AS REMOVED MAIN BATTERY CABLE FROM MCU TO POSITIVE BATTERY TERMINAL. OPERATIONAL CHECK GOOD. INSTALLED NEW #2 BATTERIES AND INSTALLED NEW TERMINALS. INSTALLED REFURBISHED HANDLE TO THROTTLE CONTROL LEVER. RE-GLUED LEATHER ON BOTTOM OF BOLSTER PANELS AND SECURED BOLSTER PANELS. INSTALLED NEW PILOT SEAT RECLINE HANDLE.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:**

Signed:

Shawn Matthies AWKR298C

10-1-21		complied with AD 2008-11-18 (7-7-08)
Flight		Heat Exchanger, pressure test per
Hobbs	1646.1	SB, 2X-78-07R1 no defects, next due by
ACTT	1646.1	ACTT: 1746. AD 93-05-06 (4-29-93)
		Ignition switches, due by ACTT: 2000.
		ADs checked on fda.gov on 9-30-21.
		operational check good.
		By AP 534261613



YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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REG:N678DG SN:1724 HOBBS:2340.5 DATE:09/14/2022

DESCRIPTION OF WORK:

**Static cert:** I certify that the Altimeter and Static System Test required by FAR 91.411 was performed and found to comply with FAR 43, Appendix E, Par. (a), (b), and (c). The installed system meets the requirements of FAR 91.217. The altimeter was tested to 25K ft. on 09/07/2022.

P/N 700-00006-000                      S/N 20023425  
P/N 59340-5                                S/N 155524

I certify that the Transponder was tested per FAR 91.413 and found to comply with FAR 43, Appendix F.  
Transponder Model: 011-03302-00                      S/N 3EG029542  
Encoder Model: A-30 mod 4                                S/N 102664

(W.O. 17348)

  
David DeCant    CRS# E5VR306N

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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REG:N678DG SN:1724 HOBBS:2340.5 DATE:09/19/2022

DESCRIPTION OF WORK:

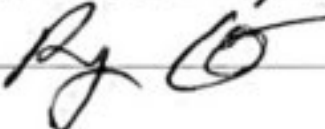
**Installed:** ELT ACK 406 E-04 FAA TSO INSTALLED: P/N:E-04 S/N:40349

Installation was done IAW Installation Manual P/N E04M REV DATE 12/02/2015 Rev 1.8


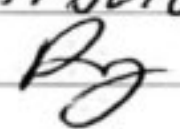
Weight and balance was changed negligible.

(W.O. 17348)

  
 \_\_\_\_\_  
 Andrey Kalchenko CRS# E5VR306N

YEAR 20 22 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-7-22 Flight Hobbs ACTT	1704.4 1704.4			<p>Compl'd with AD 2008-11-18 (7-7-08) Heat Exchanger, inspection + pressure test per AD + SB. 2X-78-07-R1 no defects, next due by ACTT: 1804.</p> <p>AD 93-05-06 (4-29-93) Ignition switches, due by ACTT: 2000.</p> <p>ADs checked on faa.gov 11-5-22.</p> <p>Replaced both main brake linings + rivets PN. 066-10500 + 105-00200, conditioned per Cleveland instructions. I certify that the ELT has been inspected in accordance with the requirements of FAR 91.207 (d) (1) and was found to be in satisfactory condition, set to armed, battery due by 8-19-2027.</p> <p>Operational check good.</p> <p>By  AP 934761613</p>



YEAR 20 22 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-7-22 Flight Hobbs ACTT	1704.4 1704.4			I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP 534761613 IA
1-4-23 Flight Hobbs	1709.8			Replaced both main wheel brake rotors PN. RA 164-01501. serviced wheel bearings. Installed new right main tire + tube Goodyear flight custom III and inboard fairing bracket. serviced tire psi per POH. operational check good. By  AP 534761613

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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REG:N678DG SN: 1724 HOBBS:2329.8 DATE:05/31/2022

**Removed:** GA-35 Antenna PN: 013-00235-00 SN: 88442; Antenna PN: CI-109 SN: 143065;  
**Installed:** GPS/VHF PN: CI-2480-201 SN: 687437

Removed both GPS antennas that were placed underneath the glare shield. Removed XM antenna from the top of airframe above the cabin. Removed top aft com antenna.

Installed a GPS/VHF com combination antenna where top com antenna was removed. Aircraft antenna position has the identical hole pattern for new Com/GPS antenna. Added RG 142 coax for the #2 GPS receiver.

Moved #1 GPS antenna to the location that the XM antenna was removed. Location has the identical hole pattern for GPS antenna. Added RG 142 coax for the #1 GPS receiver.

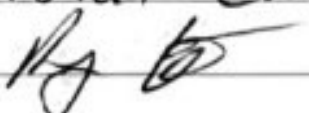
Moved XM antenna to the location, under the glare shield, that the GPS antenna was mounted. Pulled back XM coax to this antenna.

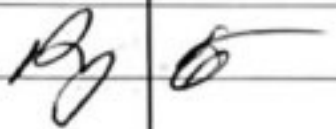
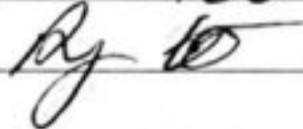
Antennas were installed IAW Garmin GPS and XM Antenna STC installation Manual 190-01284-00 Rev D March 2012 and AC43.13-2B 306(a), 306(h), 307(d), 307(e), 309(a)(1)

Weight change is negligible

(W.O. # 17139)

*Aug 16*  
\_\_\_\_\_  
Andrey Kalchenko CRS# E5VR306N

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-5-23 Flight Hobbs 1748.6				Replaced alternator #2 with B+C unit PN. BC410-1 SN. 0287151K operational check good. By  AP 534761613
12-4-23 Flight Hobbs 1768.4 ACTT 1768.4		AD 2022-03-15 (3-21-22)		Fuel Quantity Indicator N/A by Garmin STC is not installed. complied with AD 2008-11-18 (7-7-08) Heat Exchanger, visual + pressure test per AD+ SB 2X 78-07 R1, no defects, next due by ACTT: 1868. AD 93-05-06 (4-27-93) ACS/berdes Ignition Switches, due by ACTT: <del>2000</del> . ADs checked on faa.gov DRS on 12-3-23. I certify that the ECT has been inspected in accordance with the requirements of FAR 91.207(d)1-4 and was found to be in satisfactory condition, set to armed - continued next page

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				continued from previous page - battery due by 8-19-2027. Run up + operational check good  By  AP 534761613
12-4-23				I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP 534761613 IA
Flight				
Hobbs	1768.4			
ACTT	1768.4			

# ENGINE LOG BOOK



**Continental Motors Services**

Fairhope, Alabama



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

DATE: May 21, 2019	ENGINE MODEL: IO360ES6B	ENGINE S/N: 360252	ENGINE T.T./S.M.O.H. 1407.2 / 0
 <b>CONTINENTAL SERVICES</b>			
<p>This engine was OVERHAULED in accordance with CMI overhaul manual M-7 Revision Date September 2016 and CMI Procedures Manual M-0 Revision Date September 2018 and was built using all new parts and accessories. Applicable Service Bulletins and Airworthiness Directives have been complied with.</p> <p>COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:            97-26-17: Complied with by performing ultrasonic inspection IAW MSB96-10B. NEXT DUE: Next crankshaft removal.</p> <p>This engine has been tested in accordance with procedures listed in overhaul manual M-6 and has been accepted. I certify that this engine has been OVERHAULED as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order ES-8801.</p> <p>Complied with: CSB19-01, M87-23, M93-4, MSB94-8D, MSB96-10B, SB04-10, SB07-1, SB17-06, SB653, SID96-6, 97-26-17.</p>			
MECHANIC: 		9CER853B AUTHORIZATION:  9CER853B	

ENGINE MODEL: IO-360-ES(6) ENGINE S/N: 360252 REG. NO: 678DG WORK ORDER: 1424-03-2019	<b>East Coast Aviation Service, Inc.</b> Repair Station No. FAA CRS 9ESR4038 2500 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610	DATE: 6/19/2019 A/C TSN: 1407 2 ENG TT: 1407 2 TSMOH: 0 HOBBS: 1955 3
--	---	---

**Engine Entries**

(1) re-installed this engine IO-360ES6B S/N#360252 Overhauled by Continental Motor Services Under W/O #ES-801 dated 5/20/2019 serviced with 8 qts of AeroShell 100 Mineral oil set up fuel system as per Continental MX manual, operational and functional check performed ok

The aircraft and/or component(s) on 678DG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. \*Pertinent details of the repair are on file at this repair station under Work Order No. 1424-03-2019

DATE: 6/19/2019      SIGNED:       Work Order: 1424-03-2019  
 Richard John Epler  
 Certified Repair Station No. FAA CRS 9ESR4038      Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES(6) ENGINE S/N: 360252 REG. NO: 678DG WORK ORDER: 1510-06-2019	<b>East Coast Aviation Service, Inc.</b> 2500 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610	DATE: 6/20/2019 A/C TSN: 1407 2 ENG TT: 1407 2 TSMOH: 0 HOBBS: 1955 3
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**Engine Entries**

(2) Inspected this engine in accordance with FAR 43 Appendix D, oil and filter not due at this time, compression checked as follows 1.76 2.76 3.76 4.76 5.76 6.76/80 master orifice 43 engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date. I certify this engine to have been inspected in accordance with a 100HR Annual inspection and was determined to be in a airworthy condition.

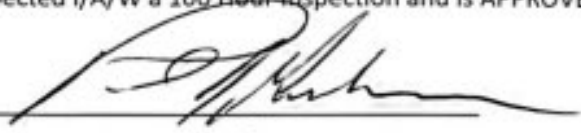
The aircraft and/or component(s) on 678DG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. \*Pertinent details of the repair are on file at this repair station under Work Order No. 1510-06-2019

DATE: 6/20/2019      SIGNED:       Work Order: 1510-06-2019  
 Richard John Epler, IA: 3104910      Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

100 HOUR INSPECTION - AIRFRAME and ENGINE  
 N678DG S/N 1724 11/7/2019 HOBBS REF 2093.2 TACH 1506.5

I certify that I have inspected this aircraft I/A/W a 100 Hour Inspection as per Cirrus MM 5-20 pgs 5-23. The following defects were corrected: Replaced RMLG Tire for NML wear using GY FCIII 15-6.00-6 s/n 91362406. Main Tire pressure convenience placards on fairings were incorrect. removed convenience placards. Should operator wish to install correct convenience placards, they should be MAINS 62+2-0 PSIG, NOSE 40+2-0 PSIG. C/W AD 2008-11-18 Exchanger by SB 2X-78-07R1 See PlaneXhaust w/o 37165 for Certs. Next due FHM 1606.5 I certify this AIRFRAME/ENGINE AND PROPELLER have been inspected I/A/W a 100 Hour Inspection and is APPROVED FOR RETURN TO SERVICE at this time.

Paul Gendron A&P 3124630 

CIRRUS SR20  
 N 678DG S/N 1724  
 7/20/2020  
 Hobbs 2200.7 Flight 1582.5  
 ENGINE IO360ES6B S/N 360252  
 SMOH 175.3

REMOVED OIL AND FILTER INSPECTED SAME  
 SERVICED WITH PHILLIPS BQTS 20/50  
 COMPRESSION CHK 76/76/75/77/76/76  
 CLEANED GAP ALL SPARK PLUGS  
 WASH ENGINE DOWN RUN UP AND LEAK CHK SATISFACTORY I

CERTIFY THAT THIS ENGINE  
 HAS BEEN INSPECTED IN ACCORDANCE  
 WITH A N ANNUAL/100 INSPECTION  
 USING CIRRUS M/M CHAPTER 5-20-23  
 AND WAS FOUND TO BE IN A  
 AIRWORTHY CONDITION

NATHANIEL CALLENDER   
 A&P IA 2290944






Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
			178	750	

LOG BOOK ENTRY	
TTAF/TACH: 1585.2	LANDINGS: N/A
MAKE: CONTINENTAL MOTORS INC.	MODEL: IO-360ES(6)
S/N: 360252	REG #: N678DG
<p>Completion of Work: PERFORMED PREBUY INSPECTION I/A/W CIRRUS CERTIFIED SR2X CHECKLIST. REPLACED ENGINE OIL AND SERVICED WITH 8 QTS OF X/C PHILLIPS 20W-50. REMOVED, INSPECTED AND REPLACED WITH NEW UNIT. ENGINE OIL FILTER P/N: AA48108-2. OIL SAMPLE WAS TAKEN AT THIS TIME.</p> <p>Details of work performed are on file under WOP# MNL-NRS-2020-10366</p> <p>I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work performed</p> <p>Date: 9/29/2020      FAA A/P LICENSE: Guillermo Brenke AP 3027438 IA</p>	

			178	750	
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LOG BOOK ENTRY	
TTAF/TACH: 1585.2	LANDINGS: N/A
MAKE: CONTINENTAL MOTORS INC.	MODEL: IO-360ES(6)
S/N: 360252	REG #: N678DG
<p>Completion of Work: CORRECTED OIL LEAK THROUGH ENGINE SUMP DRAIN VALVE BY REPLACEMENT OF 50894-001 GASKET. REPLACED ALL ENGINE CYLINDER ROCKER ARM COVER GASKETS 655704 I/A/W CONTINENTAL MD MM. ENGINE RUN, CHECKED BY LEAKS AFTER WORK AND FOUND OK.</p> <p>Details of work performed are on file under WOP# MNL-NRS-2020-10370</p> <p>I certify that the inspection, repair and/or alteration performed in this work order have been made in accordance with the requirements of U.S. Federal Aviation Administration regulations and is approved for return to service only with respect to the work performed</p> <p>Date: 9/30/2020      FAA A/P LICENSE: Guillermo Brenke AP 3027438 IA</p>	

2-16-21					changed oil + filter, serviced with Phillips XC 20/50 + AA48108-2.
Flight					Run up + leak check good.
Hobbs	1608.4				By [Signature] AP 534761613
10-1-21					compression test per AC43.13-1B
Flight					CH16 I Par. 8-14(b) (9-27-01)
Hobbs	1646.1				① 68/80 ② 70/80 ③ 67/80 ④ 68/80 ⑤ 69/80
ETT	1646.1				⑥ 69/80, changed oil + filter, cut old filter, found clean, serviced with Phillips 20/50 X/C + AA48108-2.
ESMOM	238.9				Cleaned + gapped lower spark plugs. Run up + leak check good.
					By [Signature] AP 534761613

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
10-1-21					I certify that this engine has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP 534761613 IA
Flight					
Hobbs	1646.1				
ETT	1646.1				
ESMOH	238.9				
11-7-22					compression test per AC43.13-1B Chlo 1 Par. 8-14 (b) (9-27-01) ① 7 <sup>1</sup> / <sub>80</sub> ② 7 <sup>1</sup> / <sub>80</sub> ③ 6 <sup>8</sup> / <sub>80</sub> ④ 7 <sup>2</sup> / <sub>80</sub> ⑤ 7 <sup>2</sup> / <sub>80</sub> ⑥ 6 <sup>8</sup> / <sub>80</sub> . changed oil + filter, cut old filter, found clean, serviced with Phillips x/c 20/50 + AA 48108-2. Run up + leak check good. By  AP 534761613
Flight					
Hobbs	1704.4				
ETT	1704.4				
SMOH	297.2				
11-7-22					I certify that this engine has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP 534761613 IA
Flight					
Hobbs	1704.4				
ETT	1704.4				
SMOH	297.2				
2-28-23					Removed engine driven fuel pump for overhaul by Ly-Con Rebuilding Co. W/O 74734. Run up + leak check good. By  AP 534761613
Flight					
Hobbs	1712.1				

# Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hours	Min	Hours	Min	
Carried forward →					
12-4-23					Compression test per AC 43.13-1B CHL 2
Flight					Par. 8-14-(b)(9-27-01) ① 69/80 ② 70/80 ③ 69/80
Hobbs	1768.4				④ 68/80 ⑤ 71/80 ⑥ 68/80, changed
ETT	1768.4				oil + filter, cut old filter, found clean,
SMOH	361.2				serviced with philips x/c 20/50 +
					AA 48108-2. cleaned + gapped
					spark plugs. Run up + leak check
					good. By AP 534761613
12-4-23					I certify that this engine has been
Flight					inspected in accordance with an
Hobbs	1768.4				annual inspection per FAR 43
ETT	1768.4				Appendix D and was determined
SMOH	361.2				to be in airworthy condition.
					By AP 534761613 IA



**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1RF

PROPELLER S/N FP9447B

LOGBOOK # \_\_\_\_\_

# PROPELLER MAINTENANCE RECORD

Position \_\_\_\_\_

PITCH RANGE

Propeller Model PHC-J3YF-1RF/F7392-1

High/Feather \_\_\_\_\_

Propeller S/N FP9447B

Start Lock \_\_\_\_\_

Blade Design \_\_\_\_\_

Low \_\_\_\_\_

Blade S/N's

Reverse \_\_\_\_\_

No. 1 L97212

No. 2 L97213

No. 3 L97216

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Aircraft Manufacturer CIRRUS

Aircraft Model SR20

S/N 1724

Registration N678DG

Spinner Assembly Part No. \_\_\_\_\_



1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>1872G</b>	
4. Organization Name and Address: <b>Aircraft Propeller Works, Inc. 506 Charlotte Road, Auburndale, FL 33823</b>				5. Work Order/Contract/Invoice Number: <b>1872G</b>		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Aircraft Propeller Governor	C290D3R/T23	1	060795	Overhauled	
12. Remarks: Propeller governor overhauled in accordance with McCauley manual 780401. Approved for return to service. TTSN: Unknown TTSO :0.00						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval Authorization No.:		14b. Authorized Signature:		14c. Approval Certificate No.:
						4TZR125D
13d. Name (Typed or Printed):		13e. Date (m/d/y):		14d. Name (Typed or Printed):		14e. Date (m/d/y):
				Orlando Hernandez		5/13/2019
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.						
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.						

FAA Form 8130-3 (02-14)

NSN 0052-00-012-8005





CIRRUS SR20

N 678DG S/N 1724

7/20/2020

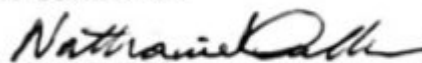
Hobbs 2200.7 Flight 1582.5

PROPELLER PHC-J3YF-1RF

S/N FP9447B

LUBE PROPELLER HUB

I CERTIFY THAT THIS PROPELLER  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL/100 INSPECTION  
USING CIRRUS M/M CHAPTER 5-20-23  
AND WAS FOUND TO BE IN A  
AIRWORTHY CONDITION

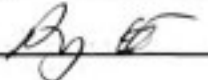


NATHANIEL CALLENDER

A&P IA 2290944


Date	Propeller TSN	TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
10-1-21				Lightly dressed leading edges of blades.
Flight				I certify that this propeller has been
Hobbs 1646.1				inspected in accordance with an annual
ACTT 1646.1				inspection per FAR 43 Appendix D and
ATT 238.9				was determined to be in airworthy
				condition. By <del>AP</del> AP 534761613 IA
11-7-22				Lightly dressed leading edges of blades.
Flight				I certify that this propeller has been inspected
Hobbs 1704.4				in accordance with an annual inspection
PTT 297.2				per FAR 43 Appendix D and was
				determined to be in airworthy condition.
				By <del>AP</del> AP 534762613 IA

12-4-23				I certify that this
Flight				inspected
Hobbs				
ACTT				
ATT				

12-4-23	I certify that this propeller has been
Flight	inspected in accordance with an annual
Hobbs	inspection per FAR 43 Appendix D and
1768.4	was determined to be in airworthy
DTT	condition.
361.2	By  AP 534761613 IA