

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

# Aircraft Log TABLE OF CONTENTS

**TC # A00009CH**

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

Aero Products Corporation

Copyright 1975 All Rights Reserved

## AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR20 DATE OF MFG. April 2005  
SERIAL NUMBER 20-1507 REGISTRATION NUMBER N327PZ

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

### Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

OTHER

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

MAINTENANCE RESPONSIBILITY



## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-360-CS	R L 357960
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	PHC-J35F-1RF	FP3612B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			





# 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.
		11 Apr 2005 62	Searched AD's through bi-weekly issue <u>2005-07</u> . All AD's are in compliance at this time.			

MAKE Cirrus  
 MODEL SR20-G2  
 S/N 20-1507  
 REG NO 327PZ  
 WORK ORDER  
 13043-08-2009



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
 4514 Taylor Circle  
 Duluth, MN 55811  
 Phone 218-788-3438

DATE 8/27/2009  
 A/C TSN 1440 7  
 HOBBS 1440 7

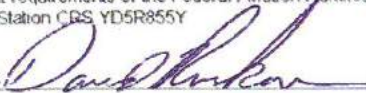
#### AD & SB Entries

(17) Complied with SB 2X-78-07 R1 100 hr inspection of heat exchanger with no discrepancies found, this complies with AD 2008-11-18. (18) Complied with AD 06-21-03 by Replacement of Left And Right Brake Caliper O-Rings P/N 101-65400, IAW CDC AMM 32-42 and SB 2X-32-14R1. (19) Complied with SB2X-71-10R2 Revised 24 March 2009, Oil Breather Line Insulation Sleeve Installation, By installing Kit #70230-001 IAW SB2X-71-10R2. (20) Complied with SB 2X-32-18 R4 NLG upper gusset plate and attach point arms inspection, no discrepancies found, next inspection due at 1540 7 Hrs (30) AD 2009-05-05 complied with by compliance with Avidyne Service Bulletin No. 601-00006-096, Revision 1, dated July 14, 2008. PFD installed is not applicable by S/N 26545095

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 CBS YD5R855Y.

DATE: 8/27/2009

SIGNED:



Dave Ruuskanen  
 Certified Repair Station No. YD5R855Y

Work Order: 13043-08-2009

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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

MAKE Cirrus  
MODEL SR20-G2  
S/N 20-1507  
REG NO. 327PZ  
WORK ORDER  
3404-04-2005



### Cirrus Design Factory Service Center

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

DATE 4/15/2005  
A/C TSN  
HOBBS 7.2

#### Airframe Entries

(1) Cleaned and lubricated pilot and co-pilot seat rails IAW std. maintenance practices. Ops check good. (2) Corrected cosmetic discrepancy on de frost ring Assy IAW std. maintenance practices. (3) Buffed paint under right wing tip IAW CDC SR22 AMM 51-30. (4) Performed Autopilot calibrations in accordance with Avidyne ICA manual 7.5.4. Flight tested good. (5) Performed IRU and Mag calibrations in accordance with Avidyne ICA manual 7.5.4. PFD functional check good. (6) Removed and replaced the Didoes CR570 and CR571 in the Stormscope FWD wire harness P/N 14768-105 in accordance with Cirrus SR20 wiring manual 34-40-02. Copilot mic functional checked good. Stormscope functional check 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: 4/15/2005

SIGNED:

Karl Hagglund

Work Order: 3404-04-2005

Printed by EBis 3 (datcomedia.rjm)

MAKE Cirrus  
MODEL SR20-G2  
S/N 20-1507  
REG NO. 327PZ  
WORK ORDER  
3552-05-2005



### Cirrus Design Factory Service Center

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

DATE 5/4/2005  
A/C TSN  
HOBBS 44.9

#### Airframe Entries

(1) Bodyfilled and painted chip in fuselage above RH cabin door IAW CDC SR20 MM 51-30. (2) Resecured interior molding on both RH and LH cabin doors IAW CDC SR20 MM 25-10. (3) Installed click bond anchors on FWD and AFT pillars on L & R doors, to improve fit of interior trim panels, IAW standard maintenance practices. (4) Removed ALT 2, removed B&C spline drive assembly P/N 410-227 and replaced with Aero Accessories P/N82-00067 spline drive assembly. Reinstalled original ALT 2. OP's check good. All work IAW CDC MM 24-30. Remove and replaced logic module p/n14610-002 with new. Done IAW CDC MCU component MM24-01 ops checks normally. (5) Cleaned and lubricated RH crew seat IAW CDC SR20 MM 12-10.

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: 5/4/2005

SIGNED:

Steve Goessling

Certified Repair Station No. YD5R855Y

Work Order: 3552-05-2005

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



<b>Sun Aircraft Services, LCC</b> 23950 Windsock Drive Dulles, VA 20166 703-572-1855	Reg- N327PZ Model- SR20 S/N- 1507 T. T.- 162.4 HOBBS
-----------------------------------------------------------------------------------------------	------------------------------------------------------------------

Replaced right hand brake caliper piston o-ring p/n MS28775-222. Replaced right and left hand brake linings p/n 066-14100. Bled brake system. Ground checks good.

Signed   
 Jason P Ciaramella

A&P#: AP372844781    Date: 6/21/05




## 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
9/16/05	332.7	Tightened and safetied the left aileron pivot bolt. Rechecked the right wheel cylinder and inspected the brake linings - checked ok. Repaired the paint chip above the copilot's door. Adjusted and lubed the doors. <b>Clw Cirrus SB2K-61-02.R1</b> Prop spinner Torque inspection as instructed. Cleaned the fuel screen. Serviced the tires. Replaced the step treads.	
		<b>MAINTENANCE RELEASE</b>	
		The aircraft and/or component 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. <u>179205-117206</u> Date <u>9/16/05</u>	
		Signed <u>Frank B. [Signature]</u> for	
		G-Force Aviation, Inc.	
		Aron/Canton Regional Airport	
		Building #17	
		North Canton, Ohio 44720	
		FAA Repair Sta. G25R235Y	













## 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
FEB. 23, 2006	N327PZ	CIRRUS SR-20 S/N 1507	Hobbs 618.8
<p>Performed Avidyne Service Bulletin #601-00004-030. Installed Release 6 Software to existing MFD p/n 530-00162-000 (Rev 03) EX-5000 s/n 23415105. All work done in accordance with Avidyne Service Bulletin #601-00004-030.</p> <div style="text-align: right; margin-top: 10px;"> <p><b>MAINTENANCE RELEASE</b>            The aircraft and/or component 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. <u>I9723</u> Date <u>2-23-06</u>            Signed <u>[Signature]</u> for            G-Force Aviation, Inc.            Akron/Canton Regional Airport            Building #17            North Canton, Ohio 44720            FAA Repair Sta. G25R235Y</p> </div>			



## 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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

2/24/06 Hobbs 618.8 N327PZ AIRFRAME

**Date 03/28/2006      N Number N327PZ    Hobbs 635.4**  
 Replaced terminal connections on #1 CHT probe and harness. Tested and calibrated.

*- end of entry -*

**MAINTENANCE RELEASE**

The aircraft and/or component 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. 9826      Date 3-28-06

Signed [Signature] for  
 C-Force Aviation, Inc.  
 Akron/Canton Regional Airport  
 Building #17  
 North Canton, Ohio 44720  
 FAA Repair Sta. G25R235Y









1. Approving National Aviation Authority/Country <b>FAA / United States</b>	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> <b>FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG</b>	3. Form Tracking Number: <b>2056</b>
--------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------	-----------------------------------------

4. Organization Name and Address <b>S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236</b>	5. Work Order / Contract / Invoice Number <b>R000046479</b>
-----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------

6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial Number	12. Status/Work
1	PRGMR/CMPTR 14/28 55/55X	01192-4-53-30P	N/A	1	0352-6506	REPAIRED

13. Remarks

See attached SRO# R000046479 For work performed and parts used.

The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87145, Revision B, Dated 03/28/2006.

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	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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/Certificate No.	20. Authorized Signature: <i>Scott Howard</i>	21. Approval/Certificate No. <b>FF2R818K</b>
17. Name (typed or printed):	18. Date (m/d/y)	22. Name (typed or printed): <b>Scott Howard</b>	23. Date (m/d/y) <b>Apr/06/2006</b>

**User / Installer Responsibilities**

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 ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.



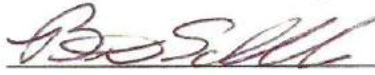
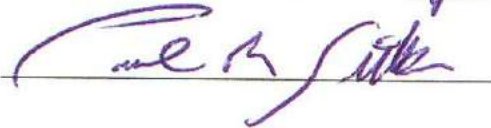
## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>4/24/06 Hobbs 650.7 N327PZ AIRFRAME</p> <p>Performed an Annual Inspection. The wheel bearings were cleaned, inspected and repacked. Replaced the nose wheel bearings. Replaced the right brake linings. The battery was removed, serviced and charged. Performed an electrical check. Inspected the Elt I/A/W FAR. 91.207 par (d). Inspection is due again 4/07. C/W SB 2X-25-17 Crew Seat Break-over Pin Replacement by installing kit 70130-001 as instructed. C/W SB 2X-32-14 Main Landing Gear Fairing Mod. By installing kit 70144-001 as instructed. AD 06-07-06 Fuel Line and Wiring Harness Chafing was complied with by complying with Cirrus SB 2X-28-04R1 previously. C/W SB 2X-53-03 Tail Tie-Down Assembly Replacement by installing kit 70120-001 as instructed. Re-secured the pilot's armrest. Replaced the anti chafe tape on both flaps. Touched up miscellaneous paint chips. Cleaned fuel screens, serviced reservoirs and lubed controls. AD's were checked through 2006-08.</p>	
		<p>TACHOMETER <u>650.7</u> TOTAL TIME <u>650.7</u> I CERTIFY THAT THIS ( AIRCRAFT ) HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER:            NO. <u>06-9681</u>            DATE <u>4/24/06</u> SIGNED <u>[Signature]</u>            G-FORCE AVIATION, INC.            AKRON/CANTON AIRPORT            NORTH CANTON, OHIO 44720            FAA REPAIR STA. G25R235Y</p>	



## 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
7Apr05	6.2hr	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Brett Schelde Date <u>7Apr05</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
Apr 11 2005	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>Apr 11 / 2005</u></p> <p>The next inspection is due <u>Apr 30 / 2006</u>.</p> <p><u></u></p> <p>PAUL R. SITKO DMIR-410373-CE</p>









# 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
Date 08/02/06		<p style="text-align: center;"><b>N Number N327PZ Hobbs 778.8</b> AIRFRAME</p> <p>Replaced right and left main tires and tubes. Checked nose wheel fork for proper drag. Repaired cracked nose wheel front cap.</p> <p style="text-align: center;"><b>MAINTENANCE RELEASE</b> The aircraft and/or component 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. <u>M06-10270</u> Date <u>8-2-06</u> Signed <u><i>Andrew J. Stark</i></u> for G-Force Aviation, Inc. Airon/Canton Regional Airport Building #17 North Canton, Ohio 44720 FAA Repair Sta. G25R235Y</p>



FBO AvCENTER—PITTSBURGH  
AIRCRAFT MAINTENANCE WORK ORDER

NO 4575

DATE: 7/26/06

COMPANY: DAVID (RATFORD)

A/C TAIL # 32772

A/C TYPE: SR-70

R.O./P.O. # DOC # 57057

DISCREPANCY: NOSE TIRE FLAT @ LANDING.

330-418-1767 DAVID (RATFORD)

ACTION TAKEN:

AP MECH

HOURS

REMOVED A/C FROM ZSC, OWNER GAVE PERMISSION TO RIR NOSE TIRE IN AM.

RF

1

REMOVED & REPLACED TIRE & TUBE, RE-PACKED

(LS)

4

BEARINGS, INSPECTED WHEEL VISUALLY, NO DAMAGE NOTED. SERVICED TIRE TO HOME PER MILM 32-41

< 12-10 SPINCK GOOD - FAIRING REQUIRES INSTALL LOCKED IN PLANE.

390.00

PARTS & SUPPLIES:

1-TIRE 5.00-5.6 FIC III

200.00

1-TUBE 5.00-5 TROT 6DZR.

93.00

683.00

ROY D FRANCIS

2054138

*[Signature]*

WORK COMPLETED AND SIGNED OFF BY:

LSHORE

2076-7443

*[Signature]*

MECHANIC

AP NUMBER

SIGNATURE



# 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
9/20/06	5107.4	<p>Serviced the tires Replaced the brake linings Reinstalled the glare shield. Blew out the left wing outboard fuel pump. Check Cirrus SB-2A-52-04 R1 Cabin door strut Mod by installing KIT 10168-001 as instructed. The battery was removed, serviced and charged. Performed an electrical check. Cleaned the fuel system. Replaced two bad sections of the flap anti-chafe tape. Adjusted both flaps down 1/4 turn to prevent sticking. Replaced both step threads.</p>
		<p><b>MAINTENANCE RELEASE</b>            The aircraft and/or component 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. <u>106-10168-001</u> Date <u>9/20/06</u>            Signed <u>Harold B. Hays</u> for            G-Force Aviation, Inc.            Akron/Canton Regional Airport            Building #17            North Canton, Ohio 44720            FAA Repair Sta. G25R235Y</p>

## 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
9/29/06	820.5	C/w Cirrus SB 2x-57-06 R1 Inboard flap hinge bearings by installing kit 16-138-101 as instructed.

N327PZ Cirrus SR-20 Hobbs: 920.9  
 Complied with SB 601-0004-074  
 The MFD s/w 23415105 software  
 upgrade was accomplished from  
 P/N 530-00180-100 Rev 01 to 530-  
 00180-100 Rev 03.

**MAINTENANCE RELEASE**  
 The aircraft and/or component 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. 107-11214 Date 9-1-07  
 Signed Knud B. Spud for  
 G-Force Aviation, Inc.  
 Akron/Canton Regional Airport  
 Building #17  
 North Canton, Ohio 44720  
 FAA Repair Sta. G25R235Y

**MAINTENANCE RELEASE**  
 The aircraft and/or component 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. 1206-104917 Date 9/29/06  
 Signed Mark B. King for  
 G-Force Aviation, Inc.  
 Akron/Canton Regional Airport  
 Building #17  
 North Canton, Ohio 44720  
 FAA Repair Sta. G25R235Y



# INSPECTION REC F.A.R. 43.11-91.

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STA SIGNATURE - CERT. NO. OF PERSON APPRO
05/04/07	920.9	

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED FOUND TO BE IN ACCORDANCE WITH FAR 43 APPX. E (PARA NOTED)

- 1 Static System per Para. (a)
- 2 L. Altimeter per Para. (b) to 20,000 Ft. S/N 26545095
- 3 R. Altimeter per Para. (b) to 20,000 Ft. S/N 444563
- 4 Integrated System per Para. (c)  
Item No. 1, 2, 3, 3 Tested by: JL Date: 05/04/07  
G-Force Aviation, Inc. - CRS# G25R235Y

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND APPENDIX "E" PAR. C. IF APPLICABLE

TXP MAKE Garmin MODEL BTX-327  
SERIAL NO. 83719504 TSO C740  
G-FORCE AVIATION, INC. G25R235Y  
DATE 05/04/07 SIGNED Jack L. Corgan

### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this agency under work order No. R07-11233 Date 05/04/07  
Signed Jack L. Corgan for  
G-Force Aviation, Inc. FAA Repair Station G25R235Y  
Akron-Canton Airport Bldg #17 North Canton, OH 44720

Altitude	Error	Altitude	Error	Altitude	Error	Altitude	Error
-1000	-10	2,000	-0-	10,000	-0-	20,000	-0-
-0-	-0-	3,000	-0-	12,000	-0-	22,000	-0-
500	-10	4,000	-0-	14,000	-0-	25,000	-0-
1,000	-20	6,000	-0-	16,000	-0-	30,000	-0-
1,500	-20	8,000	-0-	18,000	-0-	35,000	-0-

Altitude Encoder Tolerance ±125 ft.

Technician: JL Inspector: Jack L. Corgan

Repair Station: **G-FORCE AVIATION, INC.**  
AKRON-CANTON REGIONAL AIRPORT  
NORTH CANTON, OH 44720  
(330) 499-9790  
FAA CRS #G25R235Y

Form AC 100

Work Order Number: R07-11233 Date: 05/04/07  
Make: Avidyne Model: 15222-002 S/N: 26545095



# INSPECTION REC F.A.R. 43.11-91.

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STA SIGNATURE - CERT. NO. OF PERSON APPRO
05/04/07	920.9	

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED FOUND TO BE IN ACCORDANCE WITH FAR 43 APPX. E (PARA NOTED)

- 1 Static System per Para. (a)
- 2 L. Altimeter per Para. (b) to 20,000 Ft. S/N 26545095
- 3 R. Altimeter per Para. (b) to 20,000 Ft. S/N 444563
- 4 Integrated System per Para. (c)  
Item No. 1,233 Tested by: JC Date: 05/04/07  
G-Force Aviation, Inc. - CRS# G25R235Y

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND APPENDIX "E" PAR. C. IF APPLICABLE

TXP MAKE Garmin MODEL GTX-327  
SERIAL NO. 83719504 TSO C740  
G-FORCE AVIATION, INC. G25R235Y  
DATE 05/04/07 SIGNED Jack Langan

### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this agency under work order No. 907-11233 Date 05/04/07  
Signed Jack Langan for  
G-Force Aviation, Inc. FAA Repair Station G25R235Y  
Akron-Canton Airport Bldg #17 North Canton, OH 44720

Altitude	Error	Altit
-1000	-10	2.0
-0-	-0-	3.0
500	-10	4.0
1,000	-20	6.0
1,500	-20	8.0

Technician: JC

Repair Station

**G-FORCE**  
AKRON,  
OH

Altitude	Error	Altitude	Error	Altitude	Error	Altitude	Error
-1000	-20	2,000	+20	10,000	-5	20,000	+20
-0-	-20	3,000	+15	12,000	-10	22,000	-
500	-15	4,000	+20	14,000	-15	25,000	-
1,000	-15	6,000	-0-	16,000	-5	30,000	-
1,500	-5	8,000	-0-	18,000	-20	35,000	-

Altitude Encoder Tolerance ±125 ft.

Technician: JC

Repair Station

**G-FORCE AVIATION, INC.**  
AKRON-CANTON REGIONAL AIRPORT  
NORTH CANTON, OH 44720  
(330) 499-9790  
FAA CRS #G25R235Y

Inspector: Jack Langan

Work Order Number: 907-11233  
Make: Avidyne

Work Order Number: 907-11233 Date: 05/04/07  
Make: United Model: 1231-002 S/N: 444563

# 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
5/4/07	Hobbs 920.4	<p><b>N327PZ AIRFRAME</b></p> <p>Performed an Annual Inspection. The wheel bearings were cleaned, inspected and repacked. Replaced the brake o-rings and bled. The battery was removed, serviced and charged. Performed an electrical check. Inspected the Elt I/A/W FAR. 91.207 par (d). Inspection is due again 5/08. AD 06-19-10 Break-over Pin Replacement was C/W by previously complying with SB 2X-25-17R1. AD 06-21-03 POH, Brake Caliper Overheating was C/W by previously complying with Cirrus SB 2X-32-14R1. Revision A6 is installed in the POH. C/W Cirrus SB A2X-95-10R1 Caps Pickup Collar Support Replacement by installing kit 70181-001 as instructed. C/W SB 2X-95-09 Caps Strap Abrasion Inspection by inspecting and installing kit 70142-001 as instructed. C/W Cirrus SB 2X-71-11R1 Electrical Connector Sealing by installing kit 70136-001 as instructed. C/W Cirrus SB 2X-77-02R1 Engine Sensor Modification by installing kit 70136-001 as instructed. C/W Cirrus SB 2X-22-06 Autopilot Disconnect by installing kit 70148-001 as instructed. C/W Cirrus SB 2X-34-22 Static Sump Installation by installing kit 70164-001 as instructed. C/W Cirrus SB 2X-34-18 Skywatch Inhibit by installing kit 70137-001 as instructed. Re-secured the rear arm rest and the black trim on the copilot's door. Cleaned fuel screens, serviced reservoirs and lubed controls. AD's were checked through 2007-09.</p> <div style="text-align: right; margin-top: 20px;"> <p><b>TOTAL TIME</b> <u>920.4</u></p> <p><b>DEPARTER</b> <u>920.4</u> I CERTIFY THAT            THIS (Aircraft) HAS BEEN INSPECTED IN            ACCORDANCE WITH AN <u>Annual</u>            INSPECTION AND WAS DETERMINED TO BE IN            AIRWORTHY CONDITION. PERTINENT DETAILS OF            THE REPAIR ARE ON FILE AT THIS AGENCY            UNDER WORK ORDER:            NO. <u>MDT-11230 &amp; 11232</u>            DATE <u>5/4/07</u> SIGNED <u>[Signature]</u>            G-FORCE AVIATION, INC.            AKRON/CANTON AIRPORT            NORTH CANTON, OHIO 44720            FAA REPAIR STA. 0285230V</p> </div>









# 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
12/21/08	Hobbs 1094.4	<p>N327PZ AIRFRAME</p> <p>Serviced the tires and checked the brakes. Replaced the nose gear rebound bumpers.</p> <div style="text-align: right; margin-top: 20px;"> <p><b>MAINTENANCE RELEASE</b>            The aircraft and/or component 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 the agency under work order:            No. <u>MO8-12186</u> Date <u>12/24/08</u>            Signed <u>Donald B. King</u> for            Centon Aviation, Inc.            Add: Centon Regional Airport            10000 Airport Rd.            Centon, Ohio 44703            FAA Repair Sta. G20R265Y</p> </div>

# 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
		<p>5/29/08 Hobbs 1241.7 N327PZ AIRFRAME</p> <p>Performed an Annual Inspection. The wheel bearings were cleaned, inspected and repacked. Replaced both main tires. Replaced the brake linings. Replaced the brake o-rings and bled. Replaced the left strut upper cuff bracket. The battery was removed, serviced and charged. Performed an electrical check. Replaced the light bar for the airspeed indicator. Inspected the Elt I/AW FAR. 91.207 par (d). Inspection is due again 5/09. AD 08-06-28 Avidyne Primary Flight Displays N/A by the PFD S/N. AD 07-14-03 Parachute System Pick-up Collar Support and Screws was complied with by previously C/W Cirrus SB A2X-95-10R2 as instructed. AD 08-03-16 Rudder Aileron Interconnect was complied with by C/W Cirrus SB 2X-27-14R3 as instructed. C/W Cirrus SB 2X-52-07R4 Cabin Door Hinge Hardware by installing kit 70186-005 as instructed. C/W Cirrus SB 2X-71-10R1 Oil Breather Line Insulation by installing kit 70092-001 as instructed. C/W Cirrus SB 2X-78-07R1 Heat Exchanger Inspection by pressure checking the heat exchanger as instructed. Inspection is due again at 1341.7 hrs. Reinstalled the cabin air duct hose. Cleaned fuel screens, serviced reservoirs and lubed controls. AD's were checked through 2008-10.</p> <div style="text-align: right; margin-top: 20px;"> <p> <small>DATE TIME</small> <u>1241.7</u>  <small>TACHOMETER</small> <u>1241.7</u> I CERTIFY THAT  <small>THIS (Aircraft)</small> HAS BEEN INSPECTED IN  <small>ACCORDANCE WITH AN</small> <u>Annual</u>  <small>INSPECTION AND WAS DETERMINED TO BE IN</small>  <small>AIRWORTHY CONDITION. PERTINENT DETAILS OF</small>  <small>THE REPAIR ARE ON FILE AT THIS AGENCY</small>  <small>UNDER WORK ORDER:</small>  <small>NO.</small> <u>M08-12527 + 12652</u>  <small>DATE</small> <u>5/29/08</u> <small>SIGNED</small> <u>Hobbs/B.P.P.</u>  <small>G-FORCE AVIATION, INC.</small>  <small>AKRON/CANTON AIRPORT</small>  <small>NORTH CANTON, OHIO 44720</small>  <small>FAA REPAIR STA. 0251635Y</small> </p> </div>











INSPECTION RECORD



**JET AIR CORPORATION**

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD  
 GREEN BAY, WISCONSIN 54313  
 F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

WO#: 14845 REG#: N327PZ HOBBS: 1382.1  
 DATE: 04/15/09 S/N: 1507

SCALE CORRECTIONS		
ALT READS	L/H ALT	R/H ALT
-1000	-1000	-1000
0	0	0
500	480	480
1000	980	1000
1500	1480	1500
2000	1980	2000
3000	2980	3000
4000	3980	4010
6000	5975	6000
8000	7980	8000
10000	9970	9980
12000	11970	11980
14000	13960	13980
16000	15970	15980
18000	17960	17980
20000	19960	19980
22000	---	---
25000	---	---
30000	---	---
35000	---	---
40000	---	---
45000	---	---
50000	---	---

I CERTIFY THAT THE ALTIMETER INSTRUMENT AND STATIC PRESSURE SYSTEM TESTS AND INSPECTIONS REQUIRED BY FAR PART 91.411, HAVE BEEN PERFORMED.

STATIC SYSTEM TEST DATE: 04/15/09

L/H ALT: PFD S/N: 26545095 TESTED TO: 20000 DATE: 4/15/2009  
 R/H ALT: 12731-002 S/N: 444563 TESTED TO: 20000 DATE: 4/15/2009  
 ADC 1: N/A S/N: N/A TESTED TO: DATE:  
 ADC 2: N/A S/N: N/A TESTED TO: DATE:

I CERTIFY THAT THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTS AND INSPECTIONS REQUIRED BY FAR PART 91.217 AND FAR PART 91.411, HAVE BEEN PERFORMED.

XPDR 1: GTX-327 S/N: 83719504  
 XPDR 2: N/A S/N: N/A  
 ENCODER 1: A-30 S/N: 94441 TESTED TO: 20000  
 ENCODER 2: N/A S/N: N/A TESTED TO:

I CERTIFY THAT THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413, HAVE BEEN PERFORMED.

XPDR 1: 83719504 S/N: 83719504 DATE: 4/15/2009  
 XPDR 2: N/A S/N: N/A DATE:

SIGNATURE  FOR JET AIR CORP, CRS MZ2R023L  
 FORM # JA96-1



# INSPECTION RECORD



## JET AIR CORPORATION

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD  
GREEN BAY, WISCONSIN 54313  
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

APRIL 20, 2009 AIRCRAFT N327PZ HOBBS AND TOTAL TIME 1384.8  
COMPLIED WITH 100 HOUR/ANNUAL INSPECTION USING CIRRUS SR20 MAINTENANCE MANUAL SCHEDULED  
INSPECTION REPORT AS A REFERENCE. REPLACED ENGINE INDUCTION AIR FILTER WITH NEW PART NUMBER  
BA24. INSTALLED NEW EXHAUST HEAT EXCHANGER PART NUMBER 20559-002 TO COMPLY WITH  
**AD 2008-11-08 EXHAUST HEAT EXCHANGER INSPECTION. REPLACED #2 BATTERIES WITH NEW PART**  
NUMBER 50979-001. COMPLIED WITH YEARLY ELT OPS TEST. RELAMPED ATTITUDE INDICATOR EYEBROW LIGHT.  
COMPLIED WITH 500 HOUR CABIN AIR CONTROL INSPECTION. SHIMMED RUDDER TORQUE TUBE TO SPECS.  
REPLACED PACKINGS IN MAIN LANDING GEAR BRAKE CALIPERS AND BLEED BRAKES. REPLACED RIGHT  
MAIN LANDING GEAR BRAKE PISTON PART NUMBER 062-08001. **REMOVED #1 ALTERNATOR PART NUMBER**  
**ES-4024LP SERIAL NUMBER G061490 FOR OVERHAUL**, REINSTALLED SAME ALTERNATOR AFTER OVERHAUL  
BY RLB. REMOVED MCU 100 AND INSTALLED SERVICEABLE MCU 120 SERIAL NUMBER 16600-901S  
SERIAL NUMBER 00015. WEIGHED AIRCRAFT FOR WEIGHT AND BALANCE REPORT. LUBED ITEMS AS  
REQUIRED BY CIRRUS SR20 LUBRICATION SCHEDULE. COMPLIED WITH CIRRUS **SB2X-32-18R2 NOSE**  
LANDING GEAR UPPER GUSSET INSPECTION, NO DEFECTS NOTED AT THIS TIME. AIRCRAFT GROUND RAN  
LEAKED AND OPS CHECKED OK FOR RETURN TO SERVICE. ALL WORK DONE USING MANUFACTURER'S  
MAINTENANCE MANUALS AS A REFERENCE. UNDER WORKORDER NUMBER 8799.

FOR CRS MZ2R023L  
*[Signature]*

### MAINTENANCE RELEASE

UNIT NAME Alternator SERIAL NO. G061490  
PART NO. ES-4024LP MFG.: Kelly Aerospace  
 OVERHAUL  REPAIRED  TESTED  INSPECTED  FUNCTIONAL TESTED

The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under work order # 9202.

OWNER: Jet Air Corp. DATE: 4-15-09 SIGNED FOR: Robert C. Beys

### R L B ACCESSORY SERVICE

971 Babbitt Avenue • Addison, Illinois 60101-1221  
FAA Approved repair station # KB2R946K



MAKE Cirrus  
MODEL SR20-G2  
S/N 20-1507  
REG NO 327PZ  
WORK ORDER  
12816-06-2009



### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3438

DATE 6/3/2009  
A/C TSN 1395 2  
HOBBS 1395 2

#### Airframe Entries

(3) Removed and Replaced Field-Control Module P/N 14605-002 for Alternator#1 Inside MCU-120 IAW CDC SR20 AMM 24-30 and Cirrus Component Maintenance Manual MCU-100/120 Operational Check 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: 6/3/2009

SIGNED:

  
Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 12816-06-2009

Printed by EBis 3 (datcomedia.com)


SERVICE



## JET AIR CORPORATION

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD  
GREEN BAY, WISCONSIN 54313  
F.A.A. APPROVED REPAIR STATION CRS MZ2R023L

AUGUST 5, 2009 AIRCRAFT N327PZ HOBBS 1432.2 TOTAL TIME 1432.2  
COMPLIED WITH 50 HOUR INSPECTIONS USING CIRRUS SR20 MAINTENANCE MANUAL SCHEDULED  
INSPECTION REPORT AS A REFERENCE. AIRCRAFT GROUND RAN, LEAKED AND OPS CHECKED OK FOR  
RETURN TO SERVICE. ALL WORK ACCOMPLISHED USING MANUFACTURER'S MAINTENANCE MANUAL  
AS A REFERENCE. DETAILS UNDER WORKORDER NUMBER 8895

  
FOR CRS MZ2R023L



1. Approving National Aviation Authority/Country:  FAA/UNITED STATES	<sup>2</sup> <h1 style="margin:0;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="margin:0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number:  <b>CDC 090508-67</b>
----------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------

4. Organization Name and Address: <b>Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811</b>	5. Work Order/Contract/Invoice Number: 500064  <b>PC# 338CE</b>
-----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------

6. Item:	7. Description:	8. PartNumber:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MCU 120	16600-901S	N/A	1	S/N 00015	SEE BLOCK 13

13. Remarks:

Rebuilt to CDC Drawing 16600-001, Rev A. The 16600-901 is equivalent to a 16600-001 without the following cables: 16615-001, 16615-010, 16615-020, 16615-030.

<del>14. Certifies the items identified above were manufactured in conformity to:</del>  <del> <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.         </del>	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation 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.
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<del>15. Authorized Signature:</del>	<del>16. Approval/Authorization No.:</del>	20. Authorized Signature: <div style="text-align: center; font-family: cursive; font-size: 1.2em;">Terry Baird</div>	21. Approval/Certificate No.:  PC#338CE
<del>17. Name (Typed or Printed):</del>	<del>18. Date (m/d/y):</del>	22. Name (Typed or Printed): <div style="text-align: center; font-family: cursive; font-size: 1.2em;">Terry Baird</div>	23. Date (m/d/y):  <div style="text-align: center; font-family: cursive; font-size: 1.2em;">09/05/2008</div>

**User/Installer Responsibilities**

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 ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.





# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

MAKE Cirrus  
MODEL SR20-G2  
S/N 20-1507  
REG NO 327PZ  
WORK ORDER  
13071-08-2009



### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3438

DATE 8/29/2009  
A/C TSN 14414  
HOBBS 14414

#### Airframe Entries

(1) Removed minor indentation on L/H flap inboard end IAW AMM chapter 57-50 and standard maintenance practices (3) Removed depression on bottom of R/H wing IAW standard maintenance practices (4) Updated P O H to Revision A8 and transferred weight and balance, equipment list, and supplements to new P O H

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: 8/29/2009

SIGNED:

Joseph Sullivan  
Certified Repair Station No YD5R855Y

Work Order: 13071-08-2009

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR20-G2  
S/N 20-1507  
REG NO 327PZ  
WORK ORDER  
13072-08-2009



### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3438

DATE 8/30/2009  
A/C TSN 14458  
HOBBS 14458

#### Airframe Entries

(2) Tightened nosewheel nut for proper tension on the nosewheel. Work done IAW CDC AMM 32-20, and standard maintenance practices

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

DATE: 8/30/2009

SIGNED:

Nick Lacoursiere  
Certified Repair Station No YD5R855Y

Work Order: 13072-08-2009

Printed by EBis 3 (datcomedia.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 DISSAPPROVING AIRCRAFT FOR SERVICE
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------

MAKE Cirrus  
 MODEL SR20-G2  
 S/N 20-1507  
 REG NO 327PZ  
 WORK ORDER  
 13073-08-2009



### Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
 4514 Taylor Circle  
 Duluth, MN 55811  
 Phone 218-788-3438

DATE 8/31/2009  
 A/C TSN 1448 2  
 HOBBS 1448 2

#### Airframe Entries

(2) Cleaned and lubed seat pins and seat rails, operational check is good. Work done IAW CDC AMM 25-10, 53-40 and standard maintenance practices. (3) Removed excessive build up from the tailpipes, work done IAW CDC AMM 78-20 and standard maintenance practices.

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

DATE: 8/31/2009

SIGNED:

Nick Lacoursiere  
 Certified Repair Station No. YD5R855Y

Work Order: 13073-08-2009

Printed by EBis 3 (datcomedia.com)



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
 Ann Arbor, MI  
 48108

Phone 734-662-6806  
 Fax 734-662-0559

**12 September 2009**

**N327PZ  
 Airframe**

**1453.1 Hobbs**

Removed #1 battery G243 and installed new unit SN G02456721 after servicing.

Ross A. Schmidt  
 365584077 A&P

# 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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------



719 Airport Drive  
Ann Arbor, MI 48108  
Phone 734-662-6806  
Fax 734-662-0559

**21 September 2009**

**N327PZ  
Airframe**

**1456.0 Hobbs**

Removed and replaced both flap relays 50288-001. Replaced current sensor 14604-001.

Ross A. Schmidt  
365584077 A&P



719 Airport Drive  
Ann Arbor, MI 48108  
Phone 734-662-6806  
Fax 734-662-0559

**11 December 2009**

**N327PZ  
Airframe**

**1466.9 Hobbs**

Replaced left wing fuel placard 15648-001. Replaced both CAPS EXIT placards 12430-001. Replaced both flap rub/chafe tape 51168-002. Front wheel fairing repaired, painted and installed new decals 12057-461. Replaced both yoke plates 11994-003 & -004.

SB2X-25-17R1 (Cabin Crew Seat Break-Over Pin Replacement) Successfully complied with original release 4 May 2007 at 920.4 Hobbs. Need no further action.

SB2X-27-14R3 (Flight Controls Rudder-Aileron Interconnect Modification) Inspected and found P/CW.






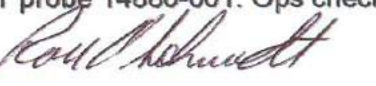
CW SB2X-71-04R5 (Cowling Winterization Kit) Installed Kit 70102-002.

CW AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system). Next pressurization inspection due by 1566.9 Hobbs.

Ross A. Schmidt  
365584077 A&P

# 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
		  <div style="font-size: small; margin-left: 20px;">           719 Airport Drive Ann Arbor, MI 48108 Phone 734-662-6806 Fax 734-662-0559         </div>
<b>28 January 2010</b>		<b>N327PZ</b> <b>Airframe</b> <b>1475.9 Hobbs</b> Removed and replaced Pilot switch 4 way trim, push down, LRUD 50340-001. Ops checked OK. Ross A. Schmidt 365584077 A&P 
		  <div style="font-size: small; margin-left: 20px;">           719 Airport Drive Ann Arbor, MI 48108 Phone 734-662-6806 Fax 734-662-0559         </div>
<b>19 March 2010</b>		<b>N327PZ</b> <b>Airframe</b> <b>1489.0 Hobbs</b> Replaced ELT batteries (8 ea) 50478-001. C/W FAR 91.207(d) ELT inspection, <b>due again by 31 March 2011</b> , battery replacement <b>due by March 2016</b> . Replaced #5 CHT probe 14880-001. Ops checked OK. Ross A. Schmidt 365584077 A&P 



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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------

Cirrus SR20 N327PZ s/n 1507 7/11/10

Replaced Right main tire with new Airhawk  
TIRE 15x6.00-6 p/n AB5F4. Serviced wheel bearings  
with fresh grease. New Tube installed goodyear  
G15/6.00-6 tube s/n or product number 302-246-401.  
Serviced main tire/tube assy with dry  
compressed air to 53 psi. Check for leaks -  
NONE apparent - All ops good. - END

Brent Nehering A+P 3160667  
Brent Nehering

1510.4 TACH  
1510.4 ACTI

# 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
------	-----------------------------	-----------------------------------------------------------------------------------------------------------------------------------



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48106

Phone 734-662-6806  
Fax 734-662-0559

**21 May 2010**

**N327PZ  
Airframe**

**1496.8 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report dated 27 April 2009. Installed new air filter element BA-24. CW FAR 91.207(d) ELT inspection, **due again by 31 May 2011**, battery replacement **due by July 2014**. Repacked all wheel bearings & lubed gear. Replaced rebound bumper washers 4 each AN970-5. Replaced interconnect shock cord 12983-001 and re-rigged.

- CW SB2X-05-01 (Overhaul and Replacement Schedule – Brake Assembly O-Ring Replacement Interval) Installed kit 70227-001 and Temp. Revision into POH.
- CW SB2X-27-16 (Flap Actuator Modification) Installed Kit 70231-001.
- CW SB2X-32-18R4 (Nose Gear Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, no cracking or wear noted. Next inspection **due by 1596.8 Hobbs**.
- SB2X-71-10R2 (Oil Breather Line Insulation Sleeve Installation) Inspected and found P/CW.
- SB2X-95-09R1 (CAPS Strap Abrasion Inspection) Original, P/CW 5/4/07 920.4 Hobbs, no further action required.
- SB2X-95-10R2 (CAPS Pick-up Collar Support Replacement) R1, P/CW 5/4/07 920.4 Hobbs, no further action required.
- SB2X-95-12 (Special Equipment CAPS CMM Line Cutters Rigging Illustration Error), N/A, Original units still installed from April 2005.
- CW AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1596.8 Hobbs**.
- AD2009-24-52 (Upon Receipt, To address rapid wear on the face of hydraulic lifters) N/A, Engine built before 19 June 2009 and no hydraulic lifters replaced.

*I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.*

Ross A. Schmidt  
365584077 IA

# 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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**3 September 2010**

**N327PZ  
Airframe**

**1559.1 Hobbs**

Completely disassembly nose gear, replaced 5 each nose gear pucks 181879-006, 2 each bumpers 14020-001, 4 each Belleville washers B1500-070-S, 1 each thrust washer 50545-001, 1 each nut MS17826-8. Operational check OK.

Mark Roisen  
506742944 A&P



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**8 November 2010**

**N327PZ  
Airframe**

**1572.9 Hobbs  
1572.9 ETT**

Removed line cutters and installed 2 each model 211512 delay 8 Sec, PN 25347-001, Mfg. Lot TOS10G003-070. **Next replacement date 17/16**. Removed propeller, installed new belt 655627-1 and reinstalled propeller.

Rodney A. Hatcher  
2040750 A&P



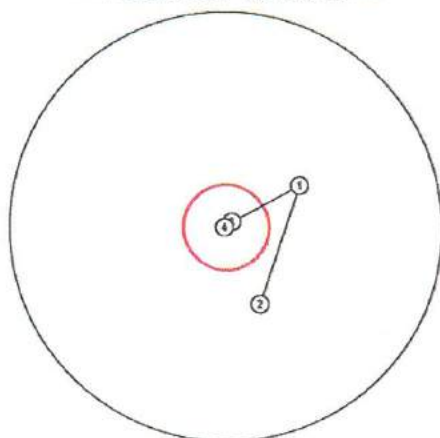

# INSPECTION RECORD

## 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
------	-----------------------------	-----------------------------------------------------------------------------------------------------------------------------------

### ENG/PROP DYNAMICALLY BALANCED

---- POLAR PLOT - 1.0 IN/S FS ----



#### Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148, rev B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .396 @ 2574 rpm reduced to .005 IPS @ 2560 rpm by the addition of AN hardware on spinner rear bulkhead. Trimmed baffle seal for flush fit. checked #5 cylinder spark plugs for condition, found satisfactory.  
 Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829  
 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N327PZ Cirrus SR 20 1507 1562.4 Hrs

Cont/Hart 357960

Front of engine

MicroVib II SN:1177 Cal:10/12/2009

Initial: 0.396 IN/S @ 2574.4 RPM Final: 0.005 IN/S @ 2559.8 RPM

Oper: \_\_\_\_\_  
 Date: 09/13/2010 *[Signature]*

Jim Barker A&P 2755069


# 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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------

The Aviation Depot Livingston County Airport(OZW) 3808 W. Grand River Howell, MI 48855 TFGR831K  
 LOG ID# 328 16-February-2011 WO# 17423 REF# 17651  
 N327PZ S/N 1507 CIRRUS DESIGN CORP. SR20 Pg 1 / 1

\*\*\*\* ITEM # 17423-1 #1 GPS BATTERY & UPDATE \*\*\*\*

DISCREPANCY: #1 GPS BATTERY NEEDS REPLACING AND SOFTWARE UPDATE

Model: GNS-430 Part#: 011-00280-10 Serial#: 97126100

ACTION: CHECKED IN AIRCRAFT AND VERIFIED COMPLAINT. PULLED GNS-430 TO THE BENCH. REPLACED BATTERY AND UPDATED SOFTWARE. ALL CHECKED O.K.. INSTALLED IN AIRCRAFT AND RAMP CHECKED O.K..

\*\*\*\* ITEM # 17423-2 #2 GPS BATTERY & UPDATE \*\*\*\*

DISCREPANCY: #2 GPS BATTERY NEEDS REPLACING AND SOFTWARE UPDATED

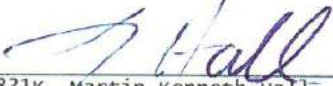
Model: GNS-430 Part#: 011-00280-10 Serial#: 97126163

ACTION: CHECKED IN AIRCRAFT AND VERIFIED COMPLAINT. PULLED GNS-430 TO THE BENCH. REPLACED BATTERY AND UPDATED SOFTWARE. ALL CHECKED O.K.. INSTALLED IN AIRCRAFT AND RAMP CHECKED O.K..

\*\*\*\* ITEM # 17423-3 MODE C 200 FEET OFF \*\*\*\*

DISCREPANCY: MODE "C" OFF 200 FEET

ACTION: CHECKED IN AIRCRAFT AND VERIFIED COMPLAINT. RAN SYSTEM UP FROM 0 TO 20K FEET, ALIGNED BLIND ENCODER TO MEET MANUFACTURE SPEC. ALL CHECKS O.K..

 2/16/2011  
 TFGR831K Martin Kenneth Hall Date


# 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

The ATC transponder was tested and inspected on 6/26/11 and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 6/26/11 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft. Work Order Number: 17525

Signature [Signature]  
 THE AVIATION DEPOT  
 C.R.S. TFGR831K

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested on 6/26/11 by AV DEPOT to 20K ft. Signature [Signature]

THE AVIATION DEPOT  
 C.R.S. TFGR831K

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested on 6/26/11 by AV DEPOT to 20K ft. Signature [Signature]

THE AVIATION DEPOT  
 C.R.S. TFGR831K

### FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5 Serial No. 4C5-061102 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 6 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm)

Starter Installed on N 327PZ by Mark C Roizen  
 (Aircraft) (Mechanic)

3/3/11  
 (Date of Installation)

506742944  
 (A&P No.)



DATE: 6-26-11 TESTED BY: BLC  
 ALTIMETER S/N: \_\_\_\_\_ WO#: 17525

SCALE CORRECTIONS  
 ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	0	18,000	+10
0	+5	20,000	+20
500	+5	22,000	X
1,000	+10	25,000	
1,500	+10	30,000	
2,000	+10	35,000	
3,000	+5	40,000	
4,000	0	45,000	
6,000	0	50,000	
8,000	+5	53000	
10,000	+5	55000	
12,000	+10	HYS. 40%	
14,000	+20	HYS. 50%	+5
16,000	+10	AFTER EFFECT	+5

DATE: 5-26-11 TESTED BY: BLC  
 ALTIMETER S/N: 26545095 WO#: 17525

SCALE CORRECTIONS  
 ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	-5	18,000	-30
0	-10	20,000	-30
500	-5	22,000	X
1,000	-10	25,000	
1,500	-10	30,000	
2,000	-20	35,000	
3,000	-20	40,000	
4,000	-20	45,000	
6,000	-20	50,000	
8,000	-20	53000	
10,000	-20	55000	
12,000	-30	HYS. 40%	
14,000	-30	HYS. 50%	0
16,000	-30	AFTER EFFECT	0

TFGR831K

**THE AVIATION DEPOT**

3808 W. Grand River  
Howell, Michigan 48855  
(517) 552-8770

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 17525 Date: 8-26-11

O/H       Repaired       F/T  
 Removed Serviceable       Rebuilt  
 CURT TO 20KFT

Unit UNITED

Mfg. ALTIMETER

P/N 12731-002

Model - S/N 444563

Owner AV CENTER

N# N327PZ

Tech. \_\_\_\_\_

Insp. By [Signature]

TFGR831K

**THE AVIATION DEPOT**

3808 W. Grand River  
Howell, Michigan 48855  
(517) 552-8770

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 17525 Date: 5-26-11

O/H       Repaired       F/T  
 Removed Serviceable       Rebuilt  
 CURT TO 20KFT

Unit AFD

Mfg. AVIADYNE

P/N 15222-002

Model - S/N 26545095

Owner AV CENTER

N# N327PZ

Tech. \_\_\_\_\_

Insp. By [Signature]



# 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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------



719 Airport Drive  
Ann Arbor, MI 48108  
Phone 734-662-6806  
Fax 734-662-0559

**10 June 2011**

**N327PZ  
Airframe**

**1607.2 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report dated 15 January 2011. Installed new air filter element BA-24. CW FAR 91.207(d) ELT inspection, **due again by 30 June 2012**, battery replacement **due by 31 March 2016**. Removed and replaced 2 each #2 batteries HEPNP7-12. Repacked all wheel bearings & lubed gear. Replaced left tire with new FC III 15X6.0-6 and balanced.

**CW SB2X-24-09** (Electrical Load Distribution – TVS Fuse Installation) Installed In-Line Fuse Holder 50960-001 and 2A Fuse 50961-001.

**CW SB2X-32-18R4** (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, no cracking or wear noted. Next inspection **due by 1707.2 Hobbs**.

**SB2X-95-13** (Special Equipment CAPS Strap Inspection and Gromment Installation), **Due at next** Cirrus Airframe Parachute System 10-Year Overhaul.

**CW AD2008-11-18** (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1707.2 Hobbs**.

**CW AD2010-11-04** (06/16/2010 To Prevent Excessive Hydraulic lifter wear) N/A, Engine built before 19 June 2009 and no hydraulic lifters replaced.

*I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.*

Mark Roisen  
506742944 IA




# 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
------	--------------------------	-----------------------------------------------------------------------------------------------------------------------------------



**23 November 2011**

**N327PZ  
Airframe**

**1652.1 Hobbs  
1652.1 ETT**

Removed and replaced left strobe power pack model 7006205, PN 50625-001. Ops check good.

Ross A. Schmidt  
365584077 A&P *Ross A. Schmidt*



**30 August 2011**

**N327PZ  
Airframe**

**1637.8 Hobbs**

Removed and replaced #6 EGT probe 16579-002. Ops check good.

Trevor Moehl  
3554241 A&P *Trevor Moehl*

*31 MAY 2012 1679.3 HOBBS. #1 LOG BOOK CLOSED AT THIS TIME.  
ROSS A. SCHMIDT 365584077 A&P *Ross A. Schmidt**



N327P2  
#2

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

# Aircraft Log

## TABLE OF CONTENTS

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

Aero Products Corporation

Copyright 1975 All Rights Reserved



# AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN MODEL SR20 DATE OF MFG. APRIL 2005  
SERIAL NUMBER 20-1507 REGISTRATION NUMBER N327PZ

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP' \_\_\_\_\_

## Inspection Status

(Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

OTHER

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

MAINTENANCE RESPONSIBILITY

# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	<i>TELEDYNE CONTINENTAL MOTORS</i>	<i>ID-360-ES</i>	R
			L
ENGINE			R
			L
PROPELLER	<i>HARTZELL PROPELLER INC</i>	<i>PHC-J31F-1RF</i>	R
			L
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			



# MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

Top Flight Avionics A Div. of The Aviation Depot Group, Inc. 48162 F Street Belleville, MI 48111  
LOG ID# 601 30-September-2019 WO# 20931 REF# 21237  
N327PZ S/N 1507 CIRRUS DESIGN CORP. SR20

Pg 1 / 1

\*\*\*\* ITEM # 20931-1 INSTALL GDL-82 \*\*\*\*

DISCREPANCY: INSTALL GDL-82

ACTION: Installed Garmin GDL-82 as per STC SA02573SE. Performed paperwork of ADS-B Out Aircraft Flight Manual Supplement (AFMS) for Garmin GDL-82 system. The installed ADS-B out system was shown to meet the equipment performance requirements of 14 CFR section 91.227. Ground checks were made in accordance with the Garmin GDL-82 installation manual and AC 20-165B. FAA Approved Flight Manual Supplement (AFMS) dated 12/14/2017 is required to be onboard the aircraft and must be available to the flight crew. With the Garmin GDL-82 installed and functioning, this aircraft is approved for ADS-B Out as prescribed in the Approved Flight Manual Supplement.

  
TEGR831K Martin Kenneth Hall

9-30-2019  
Date



1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 506419	
4. Organization Name and Address: Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811 PC#338CE				5. Work Order/Contract/Invoice #: 506419		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
	PACKED PARACHUTE ASSEMBLY, SR20	25574-003-REB	1	03680R1	See Block 12	

12. Remarks:

Rebuilt to original PAH's Specifications.

The work identified above has been accomplished per the requirements of 14 CFR 43.2(b) and 14 CFR 43.3(i). This product has been rebuilt in accordance with Cirrus Design Corporation process specification 90814.

Process Specification 90814 is FAA approved under Type Certificate A00009C11.

Expiration: DEC/02/2024

Assembly being shipped less the Line Cutters to meet shipping requirements. Part #26707-001

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 11.		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 Signatures:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>V. Huabmua</i>	14c. Approval/Certificate No.:
			PC#338CE
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): VA HUABMUA VARNIA	14e. Date (dd/mm/yyyy): 16/Dec/2014

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY      CERT. NO.	
	<p>The ATC transponder was tested and inspected on <u>5/23/13</u> and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on <u>5/23/13</u> in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to <u>20k</u> ft. Work Order Number: <u>18394</u></p> <p>Signature <u>[Signature]</u>            TOP FLIGHT AVIONICS            C.R.S. TFGR831K</p> <p>I certify that the altimeter and static system tests required by FAR 91.411 have been performed.            The altimeter was tested on <u>31/1/23/17</u> by <u>Top Flight Avionics</u> to <u>20k</u> ft.            Signature <u>[Signature]</u>            TOP FLIGHT AVIONICS            C.R.S. TFGR831K</p>							
	<p>I certify that the altimeter and static system tests required by FAR 91.411 have been performed.            The altimeter was tested on <u>5/23/17</u> by <u>Top Flight Avionics</u> to <u>20k</u> ft.            Signature <u>[Signature]</u>            THE AVIATION DEPOT            C.R.S. TFGR831K</p>							





#2

DATE: 5-22-17 TESTED BY: [Signature]

ALTIMETER S/N: 444507 WO#: 18364

SCALE CORRECTIONS  
ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	0	18,000	110
0	15	20,000	120
500	11	22,000	X
1,000	+10	25,000	
1,500	+10	30,000	
2,000	+10	35,000	
3,000	110	40,000	
4,000	15	45,000	
6,000	15	50,000	
8,000	15	53000	
10,000	15	55000	
12,000	15	HYS. 40%	
14,000	120	HYS. 50%	15
16,000	110	AFTER EFFECT	15

#2

C.R.S. TFGR831K

TOP FLIGHT  
AVIONICS

Willow Run Airport (YIP)  
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 18364 Date: 5-23-17

- O/H
- Repaired
- F/T
- Removed Serviceable
- Rebuilt
- IFR. Cent.

Unit: Altimeter

Mfg: United

P/N: \_\_\_\_\_

Model 12701-002 S/N 444563

Owner: Aviator Center

N#: N322PZ

Tech: [Signature]

Insp. By: [Signature]





#1

DATE: 6-5-11 TESTED BY: 6  
ALTIMETER S/N: 2654095 WO#: 19181

SCALE CORRECTIONS  
ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	-1	18,000	-20
0	-10	20,000	-20
500	-1	22,000	<del>X</del>
1,000	-10	25,000	
1,500	-10	30,000	
2,000	-20	35,000	
3,000	-20	40,000	
4,000	-20	45,000	
6,000	-20	50,000	
8,000	-20	53,000	
10,000	-20	55,000	
12,000	-20	HYS. 40%	
14,000	-20	HYS. 50%	<u>0</u>
16,000	-30	AFTER EFFECT	<u>6</u>

#1

C.R.S. TFGR831K



Willow Run Airport (YIP)  
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 19181 Date: 6-5-11

- O/H
- Repaired
- FIT
- Removed Serviceable
- Rebuilt

PIFA cert

Unit TFD

Mfg. Avidyne

P/N 1522-002

Model EX-1000 S/N 2654095


Owner Aviation Center

N# N327PZ

Tech. 0

Insp. By [Signature]

#2

DATE: 6-5-11 TESTED BY: 

ALTIMETER S/N: 444563 WO#: 19181

## SCALE CORRECTIONS

ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	0	18,000	+10
0	+5	20,000	+20
500	+5	22,000	<del>X</del>
1,000	+10	25,000	
1,500	+10	30,000	
2,000	+10	35,000	
3,000	+10	40,000	
4,000	0	45,000	
6,000	0	50,000	
8,000	+5	53,000	
10,000	+5	55,000	
12,000	+5	HYS. 40%	
14,000	+20	HYS. 50%	+5
16,000	+10	AFTER EFFECT	+10

#2

C.R.S. TFGR831K

TOP FLIGHT  
AVIONICSWillow Run Airport (YIP)  
Belleville, Michigan 48111

## MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 19181 Date: 6-5-11

 O/H       Repaired       F/T  
 Removed Serviceable       Rebuilt

 J. F. Cent

Unit: Altimeter

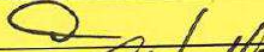
Mfg. United

P/N

Model 12731-002 S/N 444563

Owner Aviation Concepts

N# N327PZ

Tech. Insp. By 



## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
The ATC transponder was tested and inspected on <u>7/13/17</u> and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on <u>7/13/17</u> in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to <u>20K</u> ft. Work Order Number: <u>20053</u>				I certify that the altimeter <del>and static system</del> tests required by FAR 91.411 have been performed. The altimeter was tested on <u>7/13/17</u> by <u>TOP FLIGHT</u> to <u>20K</u> ft. Signature <u>[Signature]</u> <u>[Signature]</u>		
Signature <u>[Signature]</u> <u>[Signature]</u> TOP FLIGHT AVIONICS, INC. C.R.S. TFGR831K				TOP FLIGHT AVIONICS, INC. C.R.S. TFGR831K <span style="float: right;"><u>STBY</u> <u>ALT</u></span>		
I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested on <u>7/13/17</u> by <u>TOP FLIGHT</u> to <u>20K</u> ft. Signature <u>[Signature]</u> <u>[Signature]</u>				[Large Faint Watermark]		
TOP FLIGHT AVIONICS, INC. C.R.S. TFGR831K <span style="float: right;"><u>PFD</u></span>						

DATE: 7-13-17 TESTED BY: TBL

ALTIMETER S/N: 26545095 WO#: 20053

SCALE CORRECTIONS

ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	-5	18,000	-5
0	-5	20,000	-5
500	-5	22,000	X
1,000	0	25,000	
1,500	0	30,000	
2,000	0	35,000	
3,000	-5	40,000	
4,000	-5	45,000	
6,000	0	50,000	
8,000	+5	53,000	
10,000	+10	55,000	
12,000	0	HYS. 40%	
14,000	-5	HYS. 50%	0
16,000	0	AFTER EFFECT	0

C.R.S. TFGR831K

TOP FLIGHT  
AVIONICS

Willow Run Airport (YIP)  
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 20053 Date: 7-13-17

O/H  Repaired  F/T  
 Removed Serviceable  Rebuilt

CHART TO 20KFT

Unit PFD

Mfg. AVIADYNE

P/N 15222-002

Model EX 1000 S/N 26545095

Owner AV CENTER

№ N 327PZ

Tech. —

Insp. By TBL

DATE: 7-13-17 TESTED BY: BCC  
 ALTIMETER S/N: 444563 WO#: 20053

SCALE CORRECTIONS

ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	+5	18,000	+20
0	+5	20,000	+30
500	+5	22,000	X
1,000	+10	25,000	
1,500	+10	30,000	
2,000	+20	35,000	
3,000	+20	40,000	
4,000	+5	45,000	
6,000	0	50,000	
8,000	+5	53,000	
10,000	+5	55,000	
12,000	+10	HYS. 40%	
14,000	+20	HYS. 50%	+5
16,000	+20	AFTER EFFECT	+1

C.R.S. TFGR831K

TOP FLIGHT  
AVIONICS

Willow Run Airport (YIP)  
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 20053 Date: 7-13-17

- O/H     Repaired     F/T  
 Removed Serviceable     Rebuilt  
 LOG 7 TO 20KFT

Unit: ALTIMETER

Mfg. UNITED

P/N 12731-002

Model — S/N 444563

Owner AV LINTON

N# N327PZ

Tech. —

Insp. By BCC





#2  
 DATE: 9/5/19 TESTED BY: *WJ*  
 ALTIMETER S/N: 26545095 WO#: 20903

SCALE CORRECTIONS  
 ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	-5	18,000	-5
0	-5	20,000	-5
500	-5	22,000	X
1,000	0	25,000	
1,500	0	30,000	
2,000	0	35,000	
3,000	-5	40,000	
4,000	-5	45,000	
6,000	0	50,000	
8,000	+5	53000	
10,000	+10	55000	
12,000	0	HYS. 40%	
14,000	-5	HYS. 50%	+5
16,000	0	AFTER EFFECT	+5

#2

C.R.S. TFGR831K

**TOP FLIGHT**  
**Avionics**

Willow Run Airport (YIP)  
 Belleville, Michigan 48111

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 20903 Date: 9/5/19

- O/H
- Repaired
- FIT
- Removed Serviceable
- Rebuilt

IFR CERT

Unit PFD

Mfg. Avidyne

P/N 15222-002

Model EX5000 S/N 26545095

Owner AV Center

N# N327PZ

Tech. \_\_\_\_\_

Insp. By WJ



#1 DATE: 9/5/19 TESTED BY: NA  
 ALTIMETER S/N: 444563 WO#: 20903

**SCALE CORRECTIONS**  
 ADD Correction Algebraically

ALTITUDE	READING	ALTITUDE	READING
-1,000	+5	18,000	+20
0	+5	20,000	+30
500	+5	22,000	X
1,000	+10	25,000	
1,500	+10	30,000	
2,000	+20	35,000	
3,000	+20	40,000	
4,000	+5	45,000	
6,000	0	50,000	
8,000	0	53000	
10,000	+5	55000	
12,000	+10	HYS. 40%	
14,000	+20	HYS. 50%	+5
16,000	+20	AFTER EFFECT	+5

#1

C.R.S. TFGR831K



**TOP FLIGHT**  
**Avionics**

Willow Run Airport (YIP)  
 Belleville, Michigan 48111

**MAINTENANCE RELEASE**

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 20903 Date: 9/5/19

- O/H
- Repaired
- F/T
- Removed Serviceable
- Rebuilt
- IFR CERT

Unit ALT.

Mfg. United

P/N 12731-002

Model - S/N 444563

Owner AV Center

N# N 327PZ

Tech. [Signature]

Insp. By [Signature]



## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.

Beacon Aviation of Michigan, Inc. 1222 Hangar Way Grand Ledge, MI 48837 VOOR755X  
 LOG ID# 8982 30-November-2021 WO# 8563  
 N327PZ S/N 1507 CIRRUS DESIGN CORP SR20 TACH 2192.3

Pg 1 / 1

Altitude Indication on Pilot's P/N: 700-00006-000 S/N: 26545095 PFD was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, App. E (b).

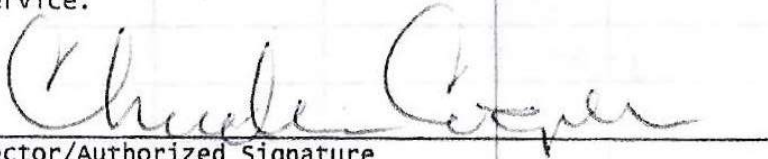
Standby Altimeter P/N: 5934D-3 S/N: 444563 was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, App. E (b).

GTX327 S/N: 83719504 Transponder system was tested and complies with FAR 91.413 IAW FAR 43 App. F.

Altitude reporting system was tested and complies with FAR 91.411 IAW FAR 43, App. E (c).

Static system was tested and complies with FAR 43, App. E (a).

This aircraft airframe, aircraft engine or appliance identified above was repaired/inspected in accordance with current regulations of the Federal Aviation Agency and is hereby approved for return to service.



11-30-2021  
Date

Inspector/Authorized Signature

for Beacon Aviation of Michigan, Inc. CRS # VOOR755X


# 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
31 MAY 12	1679.3 HOBBS	#2 LOG BOOK OPENED AT THIS TIME.	



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**31 May 2012**

**N327PZ**

**1679.3 Hobbs**

**Airframe**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report dated 1 January 2012. Installed new air filter element BA-24. Replaced ELT batteries with new PC1300 Procell 8 each. CW FAR 91.207(d) ELT inspection, **due again by 31 May 2013**, battery replacement **due by 31 March 2017**. Removed and replaced left fuel level transmitter 12638-001 and calibrated indicating system. Right tire rotated on rim. Repacked all wheel bearings & lubed gear. Installed four shims 10492-002 on main gear to correct alignment. Replaced left fuel tank quick drain valve F391-82.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para. 1-5.

ICA for Airwolf Airsep complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

CW SB2X-27-16R1 (Flaps – Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions) Installed flap mod kit 70255-002 and adjusted.

CW SB2X-32-18R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, found cracks to be 0.20 or less. Next inspection **due by 1779.3 Hobbs**.

CW AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1779.3 Hobbs**.

AD2011-26-07 (01/24/2012 To Prevent Engine Failure due to Migration of the Magneto Impulse) N/A by Magneto S/N 05091697 and 08051253 installed.

AD2012-03-06 (02/24/2012 To Prevent an Inflight Shutdown due to a failed Fuel Servo) N/A, no Avstar Fuel system installed nor Fuel Servo diaphragm installed.

*I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.* Mark Roisen



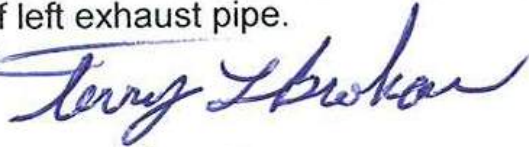



506742944 IA







# 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
		  <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="font-size: small;"> <p>719 Airport Drive Ann Arbor, MI 48108</p> <p>Phone 734-662-6806 Fax 734-662-0559</p> </div> </div>	
	<b>28 March 2013</b>	<b>N327PZ Airframe</b>	<b>1728.3 Hobbs</b>
		<p>Removed kink and secured heat duct to right rear seat. Replaced and re-secured cowl seal strips as needed. Replaced odd screw in glare-shield. Adjusted angle of left exhaust pipe.</p> <p style="text-align: right;">Terry L. Brokaw 1981475 A&amp;P</p> <div style="text-align: right; margin-top: 5px;">  </div>	
		  <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="font-size: small;"> <p>719 Airport Drive Ann Arbor, MI 48108</p> <p>Phone 734-662-6806 Fax 734-662-0559</p> </div> </div>	
	<b>28 March 2013</b>	<b>N327PZ Engine</b>	<b>1728.3 Hobbs 1728.3 Hobbs</b>
		<p>Replaced cylinder base seal and push rod tube seals on #4 cylinder. Replaced push rod tube seals on #2 cylinder. Replaced left rear inercylinder baffle retainer. Extracted bad baffle screw from aft of #2 cylinder. Placed chaff protection on left cylinder bank intake drain tube assembly.</p> <p style="text-align: right;">Terry L. Brokaw 1981475 A&amp;P</p> <div style="text-align: right; margin-top: 5px;">  </div>	









ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**JUNE 6, 2014**

**N327PZ  
Airframe**

**1766.1 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report. Installed new air filter element BA-24. CW FAR 91.207(d) ELT inspection, **due again by JUNE 2015**, battery replacement **due by 31 March 2017**. Serviced brake fluid cylinder as needed. Lubricated all flight controls.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5.

ICA for Airwolf Airsep complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

\*\*\*NOTE\*\*\* #2 BATTERY **due 05/2015**

\*\*\*NOTE\*\*\* CAPS rocket motor & parachute **DUE 01/2015**

CW SB2X-32-18R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, found no cracks at this time. Next inspection **due by 1866.1 Hobbs**.

CW AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1 no defects noted at this time. Next Inspection **due by 1866.1 Hobbs**.

*I certify that this Aircraft has been inspected in accordance with an 100 HOUR Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

  
Brendan J. Cercone  
A&P3745798

*I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

  
Mark Roisen  
506742944 IA



# 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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 31 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108  
Phone 734-662-6806  
Fax 734-662-0559

**February 6, 2015**

**N327PZ  
Airframe**

**1790.1 Hobbs**

CW SB2X-95-18R1 ( CAPS Rocker motor assembly replacement.) By the installation of new parachute assembly PN:25574-003-REB SN: 03680R1. Pack date 12-02-2014, repack BY: 12-02-2024, Rocket motor Assembly PN 29554-001 SN 0815 manufacture date 01-06-15 EXP date 01-06-25. installed new retro fit rocket shelf and shield, new cross beam, new modified #2 Battery cover and wiring harness , repined/wired J/P100 and P108 to the service bulletins instructions. Modified CAPS compartment side wall and installed new strike plate. Tested system to Service bulletins instructions and all checks showed satisfactory. Installed new fuse holder into MCU and installed new re manufactured MCU sticker. Updated POH with Appropriate revisions and updated Weight and balance and installed into POH.

Installed new #1 battery with: Gill 7243-16 SN: G02856383

*Brendan J. Cercone*  
Brendan J. Cercone  
A&P3745798

# Aviation Center



SUPPLEMENTAL WEIGHT & BALANCE DATA AND EQUIPMENT LIST

NAME Cirrus SERIAL NUMBER 1507  
 MODEL SR20 REG. NO. 327PE  
 DATE 2/6/2015

DESCRIPTION CAPS Rocket & #1 Batt WEIGHT ARM MOMENT

PREVIOUS EMPTY WEIGHT 2181.50 Lbs 140.36 306195.34

Rocket and shelf 1.34 Lb 231.4 310.08

Electrical wiring .78 116.0 90.48

#1 Battery 2.0 46.0 142.0

4.12 143.83 542.56

GROSS WEIGHT: 3000 Lb

EMPTY WEIGHT: 2185.62 Lb

USEFUL LOAD: 814.38

PREPARED BY:

  
 Doreen J. Corcoran



## 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



729 Airport Drive  
Ann Arbor, MI  
48106  
Phone 734-667-6806  
Fax 734-667-6509

**June 5, 2015**

**N327PZ  
Airframe**

**1800.7 Hobbs**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report. Installed new air filter element BA-24. CW FAR 91.207(d) ELT inspection, **due again by June 2016**, battery replacement **due by 31 March 2017**, readjusted rudder aileron interconnect for proper deflection. Replaced both #2 battery's with 2EA 50979-001.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5. ICA for Airwolf Airsep complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

CW SB2X-32-18R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, found cracks to be 0.20 or less. Next inspection **due by 1900.7 Hobbs**.

CW AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1900.7 Hobbs**.

*I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

Brendan J. Cercone  
3745798 A&P

*I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.* Mark Rosen

506742944 IA

# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TYPE OR SERVICE	 	119 Airport Drive Ann Arbor, MI 48106  Phone 734-662-0004 Fax 734-662-0000	AGENCY'S CERTIFIED NAME, PHOTOGRAPH, RETURN	ENGINE NO. USED TO SERVICE
-----------------------	-----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------	------------------------------------------------	-------------------------------

**June 17, 2016**                      **N327PZ**                      **1824.1Hobbs**  
**Airframe**

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report. Installed new air filter element BA-24. C/W FAR 91.207(d) ELT inspection, **due again by June 2016**, battery replacement **due by 31 March 2017**. Installed new G243 battery SN G02922023. Adjusted weight and balance accordingly. Replaced Reefing line cutters with new PN 26707-001 SN:9311 and 9442. Replaced RH nose wheel bant bracket with new PN: 11799-003.

ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5, ICA for Airwolf Airsep complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

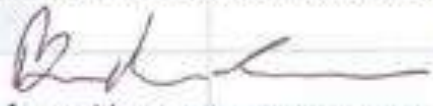
C/W SB2X-32-18R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, found cracks to be 0.20 or less. Next inspection **due by 1921.1 Hobbs**.

C/W AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1924.1 Hobbs**.

CW sb 2x-28-12R1 ( Electric fuel pump inspection) tested for leaks per SB instructions and no seal leakage present at this time.

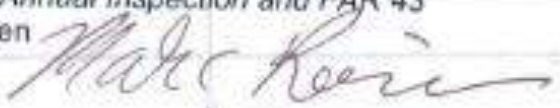
*I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

Brendan J. Cercone  
3745796 A&P



*I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.* Mark Roisen

506742944 IA





# MAINTENANCE RECORD



728 Airport Drive  
4601 Airport, MI  
48108  
Phone 734-862-6606  
Fax 734-563-2088

DATE OF  
COMPLET

SERVICE

July 18, 2017

N327PZ  
Airframe

1837.6 Hobbs

Performed Annual Inspection in accordance with Cirrus SR20 Scheduled Inspection Report. Installed new air filter element BA-24. C/W FAR 91.207(d) ELT inspection, **due again by July 2018**. Installed new ELT battery's. battery replacement **due by December 2023**. Removed and replaced #2 battery P/N 50979-001. **Next due 2019**. Lubricated all flight controls hinges and rod ends. Cleaned and repacked all wheel bearings. ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5. ICA for Airwolf Airsep complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

SB 2X-95-22 (CAPS aft grain replacement) NA by SN.

C/W SB 2X-52-08 R2 (Catcher/Diverter) CW by installing kit P/N 70544-001.

C/W SB 2X-27-14 R3 (Rudder- Aileron interconnect) CW by installing new interconnect bungee and performed adjustment test in accordance with SB. **Next due July 2022**.

C/W SB2X-05-01 (Brake assembly O-ring replacement interval) CW by installing two new brake caliper O-rings. One each side and installed new yellow and blue overheat stickers to both calipers. **Next due July 2022 or when Blue sticker has overheat condition Due immediately, or when yellow sticker has overheat condition Due at next Annual, whichever occurs first.**

C/W SB2X-32-18R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB. No cracks found at this time. Next inspection **due by 1937.6 Hobbs**.

C/W AD2008-11-18 (07/07/2008 To detect and correct leaks in the exhaust system.) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. Next check **due by 1937.6 Hobbs**.

CW SB2X-28-12R1 ( Electric fuel pump inspection) tested for leaks per SB instructions and no seal leakage present at this time.

*I certify that this Airframe has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

Trevor Moehl  
3554241 A&P

*I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.*

Mark Roisen  
506742944 IA



# MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE



719 Airport Drive  
Ann Arbor, MI 48108  
Phone 734-662-6806  
Fax 734-662-0559

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

August 17, 2018

N327PZ  
Airframe

1875.8 Flight Hobbs

Performed 100 Hour Inspection in accordance with Cirrus SR20 Scheduled Inspection Report and FAR 43 Appendix D. Installed new air filter element BA-24. C/W FAR 91.207(d) ELT inspection, **due again by August 2019**. ELT battery replacement **due by December 2023**. #2 battery replacement **due 2019**. Lubricated all flight controls hinges and rod ends. Cleaned and repacked all wheel bearings. Installed new nut P/N 51208-002 on rear headset jack. ICA for Tanis preheat complied with by complete visual and operational inspection per Sec. 5.0, Para.1-5. ICA for Airwolf Airseparator complied with per report AFC-W360 Rev. C 08/24/06 Sec. 4.

**SB 2X-95-10 R3** (CAPS pickup Collar Support Replacement) **No Further Action Required**

C/W **SB 2X-95-24R** (CAPS Ground Wire) C/W by installing kit number 70572-001 in accordance with SB instructions.

C/W **SB 2X-95-23 R1** (CAPS aft grain replacement) C/W by inspection per SB. Replaced aft grain P/N 70596-001. Reassembled with new parts.

C/W **SB 2X-27-14 R3** (Rudder- Aileron interconnect) C/W by visual inspection and performed adjustment test in accordance with SB. No defects noted and adjustment within specs. **Next due July 2022**.

C/W **SB2X-05-01** (Brake assembly O-ring replacement interval) C/W by Visual inspection. No overheat indication noted. **Next due July 2022 or when Blue sticker has overheat condition Due Immediately, or when yellow sticker has overheat condition Due at next Annual, whichever occurs first.**

C/W **SB2X-32-18R4** (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection), Inspected per SB, No cracks found at this time. Next inspection **due by 1975.8 Hobbs**.

C/W **AD2008-11-18** (07/07/2008 To detect and correct leaks in the exhaust system) Performed a pressurization inspection / check on the exhaust system per SB2X-78-07R1. No defects noted. Next **due by 1975.8 Hobbs**.

C/W **SB2X-28-12R1** ( Electric fuel pump inspection) tested for leaks per SB instructions and no seal leakage present at this time.

I certify that this Airframe has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Trevor Moehl  
3554241 A&P

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Mark Roisen  
506742944 IA







# 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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------



719 Airport Drive  
Ann Arbor, MI 48108  
Phone 734-662-6806  
Fax 734-662-0559

**25 September 2019**

**N327PZ  
Airframe**

**1980.3 Hobbs**

Performed 100 hr. inspection I/A/W cirrus SR20 scheduled inspection report and FAR 43 App. "d". Installed new air filter element, P/N BA24. C/W FAR 91.207 (d). ELT inspection, due next by September 2021. ELT battery cleaned; repacked all wheel bearings.

C/W Tanis preheat ICA by complete visual and operational inspection per Sec. 5.0, PAR 1-5.

C/W Airwolf air separator ICA per AFC-W360 report, Rev C, dated 8/24/2006, Sec 4.

C/W Brackett air filter ICA, all checks normal.

C/W SB2X-27-14R3, rudder – aileron interconnect: By visual inspection and performing adjustment test I/A/W SB. No defects noted and adjustment within specifications. **Next due July 2022.**

C/W AD 2006-21-03 per SB2X-05-01, brake assembly o-ring replacement interval: By visual inspection. No overheat indication noted. Next inspection due October 2020 or when blue sticker has overheat condition, then due immediately, or when yellow sticker has overheat condition, then due at next annual, whichever occurs first. (If no sticker turns, the five year interval is due July 2022).

C/W SB2X-32-18R4, nose landing gear upper gusset plate and attach point arms inspection: By inspection per SB, with no cracks found at this time. **Next inspection due by 2080.3 hobbs.**

C/W AD2008-11-18, 7/7/2008 to detect and correct leaks in the exhaust system: By performing a pressurization inspection / check on the exhaust system per SB2X-78-07R1. No defects noted. **Next due by 2080.3 hobbs.**

C/W SB2X-28-12R1, electric fuel pump inspection: By testing for leaks per SB instructions with no seal leakage present at this time.

**I certify that this Airframe has been inspected I/A/W a 100 hr. inspection and FAR 43 App. "D" and was found to be in airworthy condition.**

Mark C Roisen  
506742944 A&P

**I certify that this Aircraft has been inspected I/A/W an Annual inspection and FAR 43 App. "D", and was found to be in airworthy condition.**

Mark C Roisen  
506742944 IA





# 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
------	--------------------------	--------------------------------------------------------------------------------------------------------------------------------

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 6032-09-2020

**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone 248-724-2400

DATE 08 October 2020  
 A/C TSN 2062 5  
 HOBBS 2062 5

**Airframe Entries**

Tested and inspected ELT in accordance with FAR 91 207(d) Ops check good Battery replacement due no later than 12-2023  
 Complied with AD2008-11-18 effective date 7/7/2008 Exhaust System Leaks Performed pressurization check of exhaust IAW SB2x-78-07R1 no defects noted at this time due again next 100 hours ACTT 2162 5  
 Complied with SB2x-32-18R4 Nose Gusset Plate Inspection by visual inspection no defects noted at this time Due again next 100 hours ACTT 2162 5  
 Complied with SB2x-05-01 Brake o-ring inspection by visual inspection of brake temperature stickers No defects noted at this time Due again next 12 months  
 Adjusted right rudder torque tube end play as required IAW Cirrus SR20 AMM chapter 27-30  
 Installed new brake linings P/N 066-14100 (qty 4) IAW Cirrus SR20 AMM chapter 32-42  
 Serviced and installed new Gill G243 battery S/N G03083856 IAW Gill instruction manual TBP 1560 Rev I and Cirrus SR20 AMM chapter 24-30  
 Tightened left rear ANR headset jack hardware as required  
 Completed Annual Inspection in scope and detail of FAR 43 App D and using Cirrus SR20 Service Manual Checklist as a guide Researched AD's thru bi-weekly 2020-20 Replaced BA-24 induction air filter with new Lubricated airframe as required I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition

DATE: 08 October, 2020

SIGNED

Luke Hall IA 3695185

Work Order: 6032-09-2020

Printed by EBIS 3 (datcomedia.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
------	--------------------------	--------------------------------------------------------------------------------------------------------------------------------

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 6327-01-2021

**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone 248-724-2400

DATE 14 January 2021  
 A/C TSN 2105 1  
 HOBBS 2105 1

**Airframe Entries**

Installed new NLG pucks P/N 11879-006 qty 5 IAW Cirrus SR20 AMM chapter 32-20

DATE: 14 January, 2021

SIGNED:



Travis Thompson A&P 3528792

Work Order: 6327-01-2021

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 6327-01-2021

**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone 248-724-2400

DATE 14 January 2021  
 A/C TSN 2105 1  
 HOBBS 2105 1

**Airframe Entries**

Inspected tires, wheels, lights and exhaust, no defects noted at this time  
 Installed new batt 1 current sensor in MCU P/N 14604-002 IAW Cirrus SR20 AMM chapter 24-30

DATE: 14 January, 2021

SIGNED:



Dan Lynch A&P 3624030


Work Order: 6327-01-2021

Printed by EBis 3 (datcomedia.com)

# INSPECTION RECORD

## F.A.R. 43.11-91.409

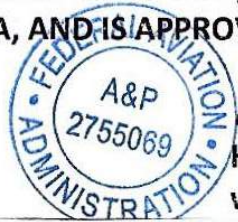
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
------	-----------------------------	--------------------------------------------------------------------------------------------------------------------------------

 <b>AVIATION RESOURCES</b> 101 Airport Ave, Hangar7 Cumberland, WI 54829	<b>N</b>	<b>AIRFRAME LOG BOOK ENTRY</b>				<b>2/4/21</b>
	Cirrus		S/N	Flight		Hobbs
	Continental		S/N	Flight		Hobbs
	Hartzell		S/N	Flight		Hobbs

Accessed MCU 120 S/N 738. Tightened #2 ALT stud. Swapped #1 and #2 current sensors. Replaced logic module with new P/N 14610-004. Ran on test bench; found satisfactory. Closed MCU. (Refer to Job #MCU1 for details.)

**THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.**

**JIM BARKER A&P/IA 2755069**  
 Cell (715) 491-1303  
 Email [jim@aviationvibes.com](mailto:jim@aviationvibes.com)

**AVIATION RESOURCES, LLC**  
 Hangar (715) 822-5787  
[www.aviationvibes.com](http://www.aviationvibes.com)

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 6388-02-2021

**Waterford Aviation, Inc.**  
 6548 Highland Rd  
 Suite 900  
 Waterford MI 48327  
 Phone 248-724-2400

DATE 12 February 2021  
 A/C TSN 2110 7  
 HOBBS 2110 7

**Airframe Entries**

Removed and reinstalled MCU 120 S/N 738 following repair IAW Cirrus SR22 AMM chapter 24-30. Performed ground run and function check IAW Chapter 5-10 all ops check good

DATE: 12 February, 2021

SIGNED:   
 Luke Hall A&P 3695185

Work Order: 6388-02-2021

Printed by EBis 3 (datcomedia.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
------	--------------------------	--------------------------------------------------------------------------------------------------------------------------------

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 7151-09-2021

**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone 248-724-2400

DATE 15 September 2021  
 A/C TSN 2162.5  
 HOBBS 2162.5

**Airframe Entries**

Inspected exhaust clearance to belly IAW Cirrus SR20 AMM Chapter 78-20. Found both pipes to be at high end of limit at approx 3.5 inch's from tip to belly.

DATE: 15 September, 2021

SIGNED:



Sean Farrelly A&P 3890041

Work Order: 7151-09-2021

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 6919-07-2021

**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford, MI 48327  
 Phone 248-724-2400

DATE 12 July 2021  
 A/C TSN 2162.5  
 HOBBS 2162.5

**Airframe Entries**

Inspected tires, wheels, lights and exhaust, no defects noted at this time.

DATE: 12 July, 2021

SIGNED:



Sean Farrelly A&P 3890041

Work Order: 6919-07-2021

Printed by EBis 3 (datcomedia.com)

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

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

DATE

AIRCRAFT TIME  
IN SERVICE

MAKE Cirrus Aircraft  
MODEL SR20  
S/N 1507  
REG NO N327PZ  
WORK ORDER  
7236-10-2021



**Waterford Aviation, Inc.**

6548 Highland Rd  
Suite 900  
Waterford, MI 48327  
Phone 248-724-2400

DATE 06 October, 2021  
A/C TSN 2188 9  
HOBBS 2188 9

### Airframe Entries

Removed and replaced flat tire with a new tire and a new inner tube. Tire PN 156E86B1 Inner tube PN 097-500-0 Ops and leak check good, no further defects noted at this time

DATE: 06 October, 2021

SIGNED:

A handwritten signature in black ink, appearing to read 'Ben Vroman', is written over a horizontal line. The signature is fluid and cursive.

Ben Vroman A&P 4199194

Work Order: 7236-10-2021

Printed by EBis 3 (datcomedia.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
------	--------------------------	--------------------------------------------------------------------------------------------------------------------------------

MAKE Cirrus Aircraft  
 MODEL SR20  
 S/N 1507  
 REG NO N327PZ  
 WORK ORDER  
 7417-11-2021



**Waterford Aviation, Inc.**

6548 Highland Rd  
 Suite 900  
 Waterford MI 48327  
 Phone 248-724-2400

DATE 02 December, 2021  
 A/C TSN 2182.7  
 HOBBS 2192.7

**Airframe Entries**

Completed Annual Inspection in scope and detail of FAR 43 App D and using Cirrus SR20 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-23. Replaced BA-24 induction air filter with new. Lubricated airframe as required. I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

Tested and inspected ELT in accordance with FAR 91.207(d). Ops check good. Battery replacement due no later than DEC 2023.

Replaced CAPS Reefing Line Cutters with new Line Cutter SR20/22 Replacement Kit P/N 25347-002 IAW CMM 95-01-01. Next replacement due 02/2027.

Removed and replaced #2 batteries with new batteries. ops check good. P/N NP7-12T

Installed #1 GPS after memory battery replacement. Repair completed by Top Flight Avionics. CRS# TFGR831K. W O # 21745

Removed alternator #2 P/N BC410-1, S/N 0153376. Replaced alternator mounting pad oil seal with new P/N 25102. Installed overhauled alternator P/N BC410-1, S/N 0921451 from B&C Specialty Products, Inc under WO# 101821-1451

Replaced "No Push" placard on elevator

Replaced CAPS placard

Replaced Fuel placard

Replaced all engine side engine control rod ends. P/N 11314-003 (x3). Adjusted rigging as required. ops check good

adjusted clamps to prevent wire from contacting control cable and installed anti chaff material to control cable.

Adjusted both exhaust ball joint tensions and tailpipe clearances.

Removed and replaced LH muffler with new muffler

Replaced nose spindle cotter pin

tightened hardware for nose wheel pants

Complied with AD2008-11-18 effective date 7/7/2008 Exhaust System Leaks. Performed pressurization check of exhaust IAW SB2x-78-07R1. no defects noted at this time. due again next 100 hours. ACTT 2292.7

DATE: 02 December, 2021

SIGNED:

Luke Hall A&P 3695185 JA

Work Order: 7417-11-2021

Printed by EBis 3 (datcomedia.com)