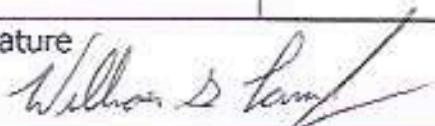


AIRCRAFT LOG
AF5-1

Aircraft Weight and Balance Revision

| Tail Number: N700ZG | | Date: 6/21/2005 | | |
|--|---------------------|--|----------------------|--------|
| Prepared by: Flight, Inc Maintenance | | Work Order No: | | |
| | | Type Certificate A00009CH Data No: | | |
| Aircraft Name: Cirrus | Model: SR 20 | Serial No: 1457 | Time: 181.9 Hobbs | |
| Registered Owner: Cirrus Holdings LLC. | | Address: 940 Ideal Way Charlotte, NC 28203 | | |
| Maximum Weight 3000 Lbs | CG Range FWD 138.7 | AFT 148.0 In. | | |
| As Received Date of Previous Weight and Balance: 09/25/2004 | Useful Load: 851 | EW: 2149.0 | EWCG: 140.6 | |
| Moment: 302212 | | | | |
| Notes: | | | | |
| | | Weight | Arm | Moment |
| Xm weather Receiver w/ Fwd and Aft Bracket | | 1.65 | 114.0 | 188.10 |
| Com 1/00M Weather Satellite Antenna and cable | | 0.60 | 145.0 | 87.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| | | 0.00 | 0.00 | 0.00 |
| X As Calculated | Moment 302487.10 | New Empty Weight CG 140.61 | New Useful Load | |
| As Weighed | Weight 2151.25 | | 848.75 | |
| | | Signature  | | |
| | | Repair Agency A&P 244-33-4407 or License No: | | |

Aircraft Log TABLE OF CONTENTS

TCDS # A00009CH

| SECTION SEQUENC | DESCRIPTION OF SECTION | PAGE NUMBER |
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AIRCRAFT DESCRIPTION

MANUFACTURER

Cirrus Design

MODEL

SR20

DATE OF MFG.

Sept 2004

SERIAL NUMBER

1457

REGISTRATION NUMBER

N700ZG

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

T.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.I.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

| ITEM | MANUFACTURER | MODEL | SERIAL NO. |
|-----------|--------------------------|-------------|------------|
| ENGINE | Continental Motors | IO-360-C5 | R 357810 |
| ENGINE | | | L |
| PROPELLER | Hartzell Propellers Inc. | Hle-J34F1RF | R |
| PROPELLER | | | L |
| ENGINE | | | |
| ENGINE | | | |
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| PROPELLER | | | |
| PROPELLER | | | |
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INSTALLED EQUIPMENT

| ITEM | MANUFACTURER | MODEL | SERIAL NO. |
|-----------|--------------|-------|------------|
| ENGINE | | R | |
| ENGINE | | I | |
| PROPELLER | | R | |
| PROPELLER | | E | |
| ENGINE | | | |
| ENGINE | | | |
| PROPELLER | | | |
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| PROPELLER | | | |
| ENGINE | | | |
| ENGINE | | | |
| PROPELLER | | | |
| PROPELLER | | | |

MAJOR ALTERATIONS

| NO. | DATE | DESCRIPTION OF ALTERATION |
|-----|------|---------------------------|
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MAJOR ALTERATIONS

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

Life Limited Parts SR20

| PART NAME | PART NUMBER | | EXPIRES |
|---------------------------|-------------|-------------------------|---------|
| CAPS Rocket Motor | 15047-001 | S/N 01568 | 07/14 |
| CAPS Parachute | 20332-001 | S/N 03C61 | 08/14 |
| CAPS Reefing Line Cutters | 5212 | T0504F LOT 062-421 | 07/14 |
| ELT Batteries | MN1300 | Date Installed 09/04 | 03/11 |
| | | | |

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AGENCY
THEORY

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

三

RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

三

THE RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

RECORD AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

RECORD

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been preformed and found within the limits of FAR 43 appendices E & F and AC 43-6A.

TESTED TO 18,000 FEET ON 09-14-04

Transponder: Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83717689

Encoder: Model ACK P/N A-30 S/N 91708

Altimeter: Mfg Avidyne

(PFD) 15222-001 S/N 21854304

Mfg United P/N 12731-002 S/N 439975

CDC Quality Assurance 43 of 44 09/09/16



Cirrus Design Corporation Duluth, MN USA

PC# 338CE

ALTIMETER & STATIC SYSTEM CHECKS
F.A.R. 91.411

DATE

T. NO.

WORK

Aero-Tech Aviation
1650 Aviation Dr.
Monroe NC 28110
CRS No. HV0R0090

N700ZG

SR20

S/N 1457

Certified altimeter, static system and altitude reporting in accordance with FAR 91.411
FAR 43 appendix E. System tested to 20,000 feet.

Altimeter: United P/N 12731-002 S/N 439975

Encoder: ACK P/N A-30 S/N 91708

Avidyne PFD P/N 15222-001 S/N 21854304

Certified Transponder system and found it to comply with FAR 91.411, FAR 43
appendix F.

Transponder: Garmin P/N 13587-050 GTX 327 S/N 83717689

Reference Work order No.484

Signature Glenister L Vazquez Date 10/3/06

RADIO & ELECTRONIC CHECKS

| T. T. NO. | DATE | TOTAL TIME | EQUIPMENT CHECKED | TYPE OF CHECK | ERROR OR RESULTS | NEXT CHECK DUE | CHECKED BY: SIGNATURE — CERT. NO. |
|--------------|------|---------------|----------------------|------------------------|--|-------------------|--------------------------------------|
| | | | | | FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C. | | |
| | | | TRANSPONDER MAKE: | MODEL: | S/N: | | |
| | | | #1 | Carmen | GTX327 | 83717689 | |
| | | | TRANSPONDER MAKE: | MODEL: | S/N: | | |
| | | | #2 | | | | |
| | | | DATE: | WO: | INSPECTOR: | | |
| | | | 9-05-2008 | 4696 | Richard Ellington | | |
| | | | | | CAROLINA AVIONICS GROUP, LLC | | |
| | | | | | FAA APPROVED REPAIR STATION # QCCR-389K | | |
| | | | | | FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43 | | |
| | | | PFD | ALTIMETER CERTIFIED TO | | | |
| | | | LEFT | FEET | RIGHT LOWER FEET | | |
| | | | | 20,000 | 20,000 | | |
| | | | S/N: | 21854304 | S/N: 439975 | | |
| | | | DATE: | WO: | INSPECTOR: | | |
| | | | 9-05-08 | 4696 | Richard Ellington | | |
| | | | | | CAROLINA AVIONICS GROUP, LLC | | |
| | | | | | FAA APPROVED REPAIR STATION # QCCR-389K | | |

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -1000 | 30,000 | |
| 0 | 20 | 35,000 | |
| 500 | 520 | 40,000 | |
| 1,000 | 1020 | 45,000 | |
| 1,500 | 1520 | 50,000 | |
| 2,000 | 2020 | 55,000 | |
| 3,000 | 3020 | 60,000 | |
| 4,000 | 4020 | 70,000 | |
| 6,000 | 6020 | 80,000 | |
| 8,000 | 8020 | | |
| 10,000 | 10040 | | |
| 12,000 | 12040 | | |
| 14,000 | 14060 | | |
| 16,000 | 16080 | | |
| 18,000 | 18080 | | |
| 20,000 | 20110 | | |
| 22,000 | | | |
| 25,000 | | | |

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

Unit(s) ALT. S/N DATE

DOC# E00123

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -980 | 30,000 | |
| 0 | 20 | 35,000 | |
| 500 | 540 | 40,000 | |
| 1,000 | 1010 | 45,000 | |
| 1,500 | 1520 | 50,000 | |
| 2,000 | 2010 | 55,000 | |
| 3,000 | 3010 | 60,000 | |
| 4,000 | 4010 | 70,000 | |
| 6,000 | 6010 | 80,000 | |
| 8,000 | 8010 | | |
| 10,000 | 10030 | | |
| 12,000 | 12030 | | |
| 14,000 | 14040 | | |
| 16,000 | 16050 | | |
| 18,000 | 18060 | | |
| 20,000 | 20080 | | |
| 22,000 | | | |
| 25,000 | | | |

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

Altitude ALT. S/N DATE

21854304
9-05-08

DOC# E00123

MAINTENANCE RECORD

F.A.R. 43.9

| CERT BY: — CERT. NO. | DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED FOR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SURVIVOR |
|--|-----------------------|--|---|---|
| | | <p>MAKE: Cirrus MODEL: SR22-G2 SN: 20-1457 REG. NO: N8001A WORK ORDER: 2226-10-2004</p> |  <p>Cirrus Design Factory Service Center Repair Station No. Y05000001 4515 Taylor Circle Duluth, MN 55811 Phone: 218-719-2101</p> | DATE: 10/2/04 AFTN: N8001A 213 |
| <p>Airframe Entries</p> <p>(1) Addressed minor cosmetic discrepancies on and around oil filter door on upper engine cowling (AW SR22 P/N# 51-30) (2) Touched up paint on PFB handle (AW Standard maintenance practices) (3) Reattached LH trim plastic (AW FFC AWI 25-10) (4) Adjusted LH trim rod arm plating (AW standard trim practices) (5) Installed missing LH supplement in path L/H W. standard maintenance practices (6) Removed and replaced pilot side rear 4-way trim switch with new (AW CDC SR22 MM 27-10) (7) Removed OEM GM Commit P/N 12718-458 SN 97122177 and installed a new GM#430 P/N 12718-051 GM#K220188 in accordance with Cirrus SR22 Maintenance manual 34-40. Operational check good (8) Adjusted pilot door seal for proper door operation (AW CDC AWI 12-10 and Standard maintenance practices) (9) Touched up paint on leading edge of LH horizontal stabilizer (AW Cirrus SR22 A MM 51-30) (10) Inspected fuel selector upper index pins, pins found to be seated and secured with epoxy, checked (AW Cirrus SR22 maintenance manual 34-40. Operational check good)</p> <p>I have reviewed the work on this aircraft and the accompanying discrepancy form. The aircraft, engine, propeller, or appliance identified was repaired/replaced in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Further details of repair are on file at the Certified Repair Station Cirrus Y0500001.</p> <p>DATE: <u>10/2/04</u></p> <p>SIGNED: <u>David Shulman</u> David Shulman Certified Repair Station No. Y0500001</p> | | | | |
| Work Order: 2226-10-2004 Printed by EBis 3 (dalcomedia.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 |
|--------------------|--------------------------|---|--|
| | | <p>Cirrus Design Factory Service Center  Repair Station No. YDSR581Y 4015 Taylor Circle Duluth, MN 55811 Phone: (218) 788-2101</p> | DATE: 10/2/2004 A/C SN: N700ZG HOBBS: 21.3 |
| | | <p>Airframe Entries</p> <p>(1) Adjusted heater control box (AWM CDC AWM 21-20) (2) Cleaned outside of aircraft (AWM AWM 12-20) (3) Inspected propeller length overlock into engine cowling (AWM CDC AWM) and standard maintenance practices. (4) Threaded and buffed paint run on left outboard leading edge. (AWW Cirrus SP22 AWM 51-30) (5) Touched up paint around nuts on horizontal and vertical (AWW Cirrus SP22 AWM 51-30) (6) Sanded down and touched up paint runs on trailing edge of upper rudder.</p> <p>I have reviewed this file on this aircraft and the accompanying discrepancy form(s). This 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 in the attached Certified Repair Station CIRS: YDSR581Y.</p> | |
| DATE: 10/2/2004 | | SIGNED:  | WorkOrder: 2204-09-2004 Printed by EBis 3 (datcommedia.com) |
| | | Dave Rusakowski Certified Repair Station No. YDSR581Y | |

Premier Aviation, Inc.

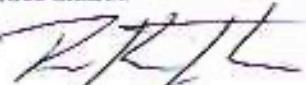


N700ZG

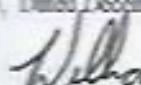
12/21/04
Hobbs: 100.1

Completed partial 100Hr. Inspection per Cirrus Design maintenance manual #12137-001. See attached service inspection this date. WO# 4280.

Premier Aviation
786 CR 116
Glenwood Springs, CO 81601


Randall Kempton
AP5242143031A

2004-09-2004
June 21, 2005
Submitted 2nd W
Paragraph A, Section
B000001100-2005
Sullivan #501-000

Upgraded EX50
3. Dated Decem

William G. Lane

24 June 2005

HM 181.9

MAINTENANCE RECORD

F.A.R. 43.9

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

June 21, 2005 Hobbs 181.9 TTAF 181.9

Installed XM WX Satellite Weather System in accordance with Cirrus Design, Service Bulletin 2X-34-06 R1 Date 14 April 2005 Paragraph A. thru O and R. thru U. utilizing Cirrus Design kit P/N 70089-002 XM WX Weather Receiver P/N 16121-001 SAN 806000166 installed. System activation and Paragraph P and Q. Completion pending activation in accordance with Avidyne Service bulletin # 601-00004-036

Upgraded UX5000C Multifunction Display software to 530-40162-000 in accordance with Avidyne Service bulletin # 601-00004-030 Rev 3, Dated December 30, 2004

William G. Lane A&P 244-33-4407

END

24 JUNE 2005 Removed engine starter p/n 656181, s/n 042040076. Installed new
HFM 81.9 starter p/n 656181, s/n 05740176. Torqued and safety wired hardware.
Operationally checked good. Link checked good. Shaun P. Burdett
AAP 2856193

- END -

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 |
|--------------------|--------------------------|---|---|
| June 29 2005 | | Complied with Avidyne Service Bulletin # 601-00004-036 | |
| Huber 187.6 | | MFD Single usc broadcast Activation utility. Completed Cirrus design Service bulletin # SB 2X-34-06-R1 Steps P+Q. System ops test good. | |



Cirrus Design Factory Service Center

MAFD: Cirrus
MODEL: SR20-G2
S/N: 2B-1407
RTG NO: 10000
WORM ORDER:
4207-07-2006

Repair Station No: USA0200Y
4818 Taylor Circle
Duluth, MN 55811
Phone: 218-729-3711

DATE: 7/28/2005
ACT/SN:
H0025:2018

Airframe Entries

- (1) Removed and replaced the Att2 Field Control Module PIN 14805-010 IAW Cirrus MCU Component Maintenance Manual 24-01. Att2 functional check satisfactory.... (2) Removed and replaced the landing light relay PIN 51135-001 in the MCU IAW Cirrus MCU Component Maintenance Manual 24-01. Landing light functional check satisfactory.... (3) Removed NLG wheel park, repaired non-structural fairing/paint cracks, remanufactured NLG wheel park. Work time IAW CDC 8R20 MM 91-30 and 37-20. (4) Installed LH door lock assembly IAW standard install procedures. Ops check good. (5) Removed and replaced RH FWD cockpit light switch PIN 12451-002, with new. IAW CDC A-MM 94-10 ... (6) Adjusted encoder IAW Cirrus 8R22 AMM 34-10. Transponder functional check satisfactory. (7) Aligned aripad kit PIN 12343-458 to exterior of aircraft IAW MM 11-20 & 20-10. Removed original identification numbers and affixed new (color) identification numbers PIN 12343-415 IAW MM 11-20 & 20-30. (8) Updated MFD to Rev 03 in accordance with Avidyne SB 601-00004-045. (9) Reinstalled LH cabin door interior trim panel IAW CDC AMM 25-10 and standard maintenance procedures. (10) Removed and replaced LH and RH sunvisor, PIN 12698-003, with new blades. PIN 12698-003. IAW CDC AMM 25-10 and standard maintenance procedures. (11) Removed system S5SR autopilot PIN 15861-001 S/N 0419-0817 and installed new system S5SR autopilot PIN 15861-001 S/N 0526-844-1AUAE in accordance with cirrus SR20 maintenance manual chapter 22-12. Functional check satisfactory in accordance with cirrus SR20 maintenance manual chapter 22-12.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was re-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 YDSR850Y

DATE: 7/28/2005

SIGNED

Kari Haggland
Certified Repair Station No: YDSR850Y

Work Order: 4207-07-2005

Printed by EBis 3 (datamedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

CIFICATE NO.
URNED TO SERVICEDATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERV

October 26, 2005 This aircraft has been inspected and has been found safe for the intended flight from Concord, NC (JGF) to Gastonia, NC (AKH) in day VFR conditions in accordance with Special Flight Permit dated October 26, 2005 issued by PMI Ralph S. Carr of the Charlotte FSDO. Shawn Brendt A/P 2836193 IA

12/13/2005
AFTT: 272.8N700ZG
Tach: 272.8CIRRUS
H/M: 272.8

SR-20

S/N: 1457

Aircraft experienced tail strike damage to lower aft fuselage skin and lower end of vertical stabilizer aft spar. Both areas of damage were repaired IAW Cirrus SR-20 Aircraft Maintenance Manual, Cirrus Design "Field Service" correspondence and AC43.13-1B. See FAA Form 337, in aircraft records, for damage description and repair details.

David M. Loeper

A&P 3012057

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 |
|-----------------------|-----------------------------|--|--|
| | | | |

N700ZG Cirrus SR20-G2 S/N 1457

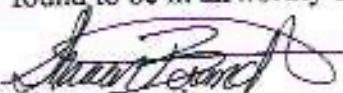
December 14, 2005

Hour Meter: 272.8 AFTT: 272.8

Performed Annual Inspection in accordance with 14CFR43 appendix D. In addition, the following work was performed:

1. Operationally and visually checked ELT IAW 14CFR91.207 (d). Operation and mounting check good.
2. Installed new brake pads p/n 066-14100 in all locations.
3. Installed new fuel sender gasket p/n 0015-00716 in r/h wing.
4. Airworthiness Directives researched to date. See compliance log in aircraft records for actions taken.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition.



Shawn Brandt

A&P 2856193 IA

MAINTENANCE RECORD
F.A.R. 43.9

RECEIVED NO.
TURNED TO SERVICE

**DATE OF
COMPLETION**

**AIRCRAFT TIME
IN SERVICE**

**DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USER**

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERV.

1/24/2007 N700ZG Cirrus S20 S/N 1457
Hobbs: 531.5 AFTT: 531.5

DATE
COMPLI

SERVICE

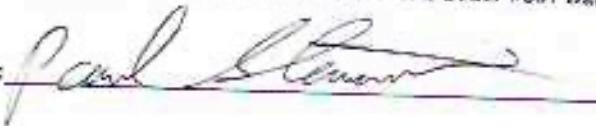
Performed annual inspection in accordance with Cirrus SR20 inspection checklist. In addition, the following work was performed:

- AD 2006-19-10 and SB 2X-25-17R1 C/W by installing new seat pins P/N 17063-002.
- AD 2006-21-01 C/W paragraphs 1-4 by installing new "O" rings P/N MS28775-224, modifying fairings with inspection holes, installing temperature stickers, and inserting revision A6 (also installed A7) in POH.
- SB 2X-32-14 R1 C/W by modification of MIL-G fairing bottom openings.
- SB 2X-28-04 R1 C/W by installing fuel line shield Kit #70133-001 and securing wiring around fuel lines.
- SB 2X-52-01 R2 C/W by installing catcher P/N's 17582-003, -004 on door struts.
- SB 2X-57-05 R1 C/W by inspecting aileron bearings for migration, and installing large area washers P/N MS63040-3, shims left P/N 17105-003 right P/N 17105-002 (x2), and new bolts inboard NAS6203-11H outboard NAS6203-7H.
- SB 2X-61-02 R1 C/W by checking torque on spinner bulkhead attach bolts.
- Installed new strobe light tube on RH wing P/N 36-0050705-00.
- Installed new brake pads P/N 066-14100 on both main gear.
- Installed new Air Tach tires on both main gear.
- Installed new seat recline pin in RH rear seat P/N 50830-001.
- Installed new landing gear fairing bracket P/N 17205-001 on LH main gear.
- Installed new flap card P/N 12017-002.
- Installed new 0° proximity switch P/N 50408-001 on flap jack screw.
- Installed new bolstier panel P/N 14637-005S.
- Installed new air filter P/N BA24.
- Installed new Lanyard P/N 15062-001 on center console.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details are on file under Work Order #607 Dated 1/24/2007.

Signed:



for

Aero-Tech Aviation
1650 Aviation Drive
Monroe, NC 28110
CRS#HV0R0090

MAINTENANCE RECORD

Aero-Tech Aviation

1/24/2007 N700ZG Cirrus S20 S/N 1457
Hobbs: 531.5 AFTT: 531.5

Performed ELT annual inspection, found to comply with FAR 91.207(d). *Batteries Exp MAR 2011*
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in
accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to
service. Pertinent details are on file under Work Order #607 Dated 1/24/2007.

Signed:

for Aero-Tech Aviation
1650 Aviation Drive
Monroe, NC 28110



FAA Certified Repair Station HV0R0090
1650 Aviation Dr ~ Monroe, NC 28110
704-283-6350

AERO-TECH AVIATION

Make Circus

Date: 03/02/07 09:00

Model SB20

SIN: 1467

Ref No: N700ZG

Tech Time: 0.00

2/28 new nose fairing P/N 14180 installed using Cirrus MM 32-20 page 3. Inspected NW for shimmy and serviced tire to 40 pounds. I certify this aircraft is in an airworthy condition for the work preformed and returned to service.

2025 IT Summary for CRSHV0R0090

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 |
|--------------------|--------------------------|---|--|
|--------------------|--------------------------|---|--|

Aero-Tech Aviation

3/2/2007 N700ZG Cirrus S20 S/N 1457

Removed Garmin GNS 430 S/N 97123188 for vendor repair. Installed Garmin GNS 430 S/N 97108937

Performed configuration set up and ground test checked ok.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details are on file under Work Order #663 Dated 3/02/2007.

Signed:

for

Aero-Tech Aviation
1650 Aviation Drive
Monroe, NC 28110
CRS#HV0R0090

| |
|--|
| SATS AIR MAINTENANCE CENTER, 100 TOWER DRIVE #4 GREENVILLE, SOUTH CAROLINA 29607 |
| LOG ID# 3318 19-July-2007 WO# 2523 REF# 2523 LOG STICKER AC TT 623.2 HOBBS 623.2 |
| N700ZG S/N 1457 CIRRUS SR20 |

Pg 1/1

AIRFRAME:

*COMPLETED WITH SB A2X-95-10R2, CAPS COLLAR SUPPORT REPLACEMENT. INSTALLED KIT, P/N 70181-001.
ROCKET, S/N 01568. NO FURTHER ACTION REQUIRED.

*COMPLETED WITH SB ZX-95-09R1, CAPS STRAP INSPECTION AND SLEEVE INSTALLATION. INSTALLED KIT, P/N 70142-001. NO FURTHER ACTION REQUIRED.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #2512.

RICHARD D. BANNISTER IA/AS/P# 250757611

DATE

Sign
Fernan

MAINTENANCE RECORD
E.A.R. 43.9

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

12/10/2007 N700ZG Cirrus SR20 S/N 1457
Hobbs 696.5 AFTT: 696.5

Removed and replaced Left MLG tire with new AirTrac 15X6.00-6 tire. Replace tube with new McCreairey Tube 6.00-6. Removed and replaced all brake lining for left and right MLG with Cleveland lining P/N 066-44100. Rotate Right MLG tire. Brake run in Ground Ops check OK.

~~Call B Jones A&P 2190462~~

ELYSE ABONI

FLYING FISHES

ISBN 1457

Hobbs 595.5 AETT: 595.5

Hobbs 595.5 AFTT: 596.5

...with new AirTrac 15X6.00-6 tires.

are with new All-Time 15A8.88-6 and all books. Spring for left and right.

and all brake lining for road and right

6 fire. Brake run in. Ground Ops ch

EXCELENZA

12/27/2007 N700ZG Cirrus SR-20 S/N 1457
H/M : 707.4 TT: 707.4

CW SB 2X-57-06 R1 by replacement of flap inboard hinges fairing with kit P/N 16738-101. Removed #2 COM/NAV unit for test; Checked com using watt meter, no power out noted. Verified integrity of antenna cable. Tryed another unit and verified correct output of antenna and cable integrity as verified on Bird Wattmeter. Removed Unit PN:011-00506-10, SN: 97202494 MOD5. Recorded Configuration of defective unit and filed for reconfig of loaner unit upon receipt. All work and testing done IAW chp 23 of MMM.; Loaner unit installed PN:011-00506-10 SN:97202476; Upon replacement of 420 with loaner unit, configured and functional checked unit and system all checks satisfactory. Installed pilot side door flange bushing P/N 50145-002.

Signed:

Fernando Cardoza A&P 3122578 JA

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 |
|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

L-66

FLYCAROLINA

2/5/2008 N700ZG Cirrus S20 S/N 1457
Hobbs: 721.4 AFTT: 721.4

Performed annual inspection in accordance with Cirrus SR20 inspection checklist. In addition, the following work was performed: Replaced PTT switch co-pilot side P/N 50399-01. Replaced bracket air filter P/N BA-24. Removed and replaced fuel manifold valve bracket assy. P/N 646508-10A6. Replaced gasket P/N 12638-102 R/H fuel transmitter. Replaced #2 battery P/N 50979-001.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

Signed: *Fernando Cardoza*
Fernando Cardoza A&P 3122578 DA

| | | |
|----------|----------|---|
| 2/5/2008 | 721.4 TT | PERFORMED ELT ANNUAL INC. IAW FAR 91.207 (d), OPERATORIC AND PAINTING CHECK OK. BATTERY DUE 3/2001 <i>Fernando Cardoza A&P 3122578</i> |
|----------|----------|---|

FLY
Make C
Date 09/08
Compiled
004 IAW
Inspection
(Under-a
27-14 R3
Andrew C

MAINTENANCE RECORD

CERTIFICATE NO:
TURNED TO SERVICE

1650 Aviation Dr ~ Monroe, NC 28110
704-283-6350

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

FLYCAROLINA

Make: CIRRUS DESIGN Model: SR20 Reg. No.: N700ZG
Date: 09/05/08 00:00 S/N: 1457 TIAF: 761.70
Avionics Log

Installed repaired unit PN700-00006-000 SN 200013498, performed configuration and magnetometer calibration per Cirrus MM section 31-8 and 34-20 calibration meets MM requirements FAR 91.411 and 91.413 checks performed by Carolina Avionics.

Date 7-5-2008

William G. Lane, Jr. A&P 3284999

1650 Aviation Dr ~ Monroe, NC 28110
704-283-6350

FLYCAROLINA

Make: CIRRUS DESIGN Model: SR20 Reg. No.: N700ZG
Date: 09/29/08 00:00 S/N: 1457 Hobbs Time: 763.40

Complied with AD 08-14-13 (door rod ends) by installing kit 70186-004 IAW SB 2X-52-07 R4. Complied with AD 08-11-18 (muffler) by inspection IAW SB 2X-78-07 R1. Complied with AD 08-03-16 (rudder-aileron interconnect) by installing kit 70197-001 IAW SB 2X-27-14 R3.

Andrew Christensen A&P 2846491

09/29/2008

MAINTENANCE RECORD

CARD 120

DA
COM

ENGINE MODEL:
IO-360-16 (S)
ENGINE SN: 357640
REG. NO: N700ZG
WORK ORDER: 18663



Aerodyne Corporation

Repair Station No. H01R-195K
5118 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 470-2080

DATE: 1/7/2009
AVG TSN:
ENG TT:
HRSBS: H07 1

TE NO.
ID TO SERVICE

Engine Entries

(1) Troubleshoot customer report that engine ran rough during down wind leg for landing at PVG. Performed engine ground run. Performed engine compression check: #1-75/80, #2-73/80, #3-76/80, #4-75/80, #5-73/80, #6-70/80. Inspected engine spark plugs. Found top spark plugs on cylinders 2, 3 and 6 had cracked or broken ceramic insulators. The bottom spark plugs on cylinders 1 and 5 also had cracked or broken ceramic insulators. Installed new spark plugs in bottom positions of cylinders 1, 3, 4, 5 and 6. Cleaned, gapped, tested and reinstalled remaining spark plugs. Removed #6 cylinder exhaust valve rocker box cover. Removed valve keepers and springs. Inspected valve and guide for sticking and wear. No defects noted. Reinstalled removed components. Performed engine ground run and found to be satisfactory.

The aircraft, engine, propeller or component identified hereon was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

DATE: 1/7/2009

SIGNED:

J.R. Smith
Certified Repair Station No. H01R-195K

Work Order: 18663

Printed by EBis 3 (datamedia.com)

2/5/09 04

INSPECTION RECORD

F.A.R. 43.11-91.409

TE NO.
ID TO SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

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

25 Sept 04 7.6

Production Flight Test accomplished in accordance with
Cirrus Procedure #90500.

Name: Rory Papenfuss Date 25 Sept 04

Signature: Rory Papenfuss

Title: Production Flight Test Pilot

25 Sept 04 7.6 hrs

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 09 / 25 / 04.
The next inspection is due 09 / 30 / 05.

Loren L. Thibert

LOREN L. THIBERT
DMIR410173CE

DATE

VICE

DATE

RYCANDINA
N700ZG SR20 Serial# 1457

2/27/09

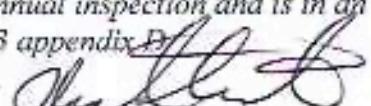
AFTT:821.4 ETT:821.4 TSOH:n/a PTT:821.4

C/W annual inspection IAW Cirrus MM 05-20. Drained oil

and removed filter. Installed 8 qts 100 mineral oil and qty 1 CH48108-1 filter.
Removed cyls 1-6 for repair and reinstalled after repair. C/W 91.207(d) batteries
replaced this date, next due 3-2015. C/W AD 08-11-18 100 hr exhaust inspection,
next due 921.4. C/W SB2X-32-18R2 by die pin inspection, next due 921.4. C/W
500hr inspection on r/h mag, no defects noted. Replaced L/H mag w/p# 6314 s/n
08112497. Repaired crack in nose wheel pant. Re-sealed L/H tie down ring.

*I certify that this AIRFRAME/ENGINE/PROPELLER
has been inspected I/A/W an annual inspection and is in an
airworthy condition per FAR43 appendix D*

Neil Stewart/ A&P32934001A.



INSPECTION RECORD

F.A.R. 43.11-91.409

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

1650 Aviation Dr ~ Monroe, NC 28110
704-283-6350

FLYCAROLINA

February 26, 2009 N700ZG Cirrus SR20
S/N 1457 HM 821.4

Complied with Cirrus SB 2X-34-24 R1 GPS WAAS upgrade.
Removed Garmin GNS 430 p/n 011-00280-10 s/n 97108937 and
GA 56 p/n 011-00134-00 s/n 59096752. Installed Garmin GNS 430W
p/n 011-01060-00 and GA 36 p/n 013-00244-00 s/n 6193.

Shawn Brandt
A&P 2856193

INSPECTION RECORD

F.A.R. 43 11.91.409

| DATE | AIRCRAFT TIME IN SERVICE |
|------|-----------------------------|
|------|-----------------------------|

| AIRCRAFT FOR SERVICE |
|----------------------|
|----------------------|

DATE

LSC 1650 Aviation Dr ~ Monroe, NC 28110
704-283-6350

FLYCAROLINA

Make: CIRRUS DESIGN Model: SR20 Reg. No.: N700ZG
Date: 06/16/09 19:19 S/N: 1457 Tech Time: 902.90

Replaced Tach Generator P/N 12630-001a and tach generator
adapter P/N 641531. Replaced L/H main tire P/N 15X8.00-6 6 ply.
Replaced all brake linings P/N 088-14100. all work performed IAW
cirrus maintenance manual.

Fernando Cardozo Date 6/15/09
Fernando Cardozo A&P#3122576

June 6, 2009 N700ZG SR-20 S/n 1457 WO# 505759

1. Installed new Goodyear 15 X 600 6ply tire S/n 71090356 on right main.
2. Installed new G15 X 600 tube in right main tire.
Hobbs = 901.4

The above work was inspected and found to be
Airworthy for return to service.

By *John B. Teague* for
Riverhawk Aviation Inc. Hickory, N.C.
CRS# FFGR870D
Date 6/6/09 WO# 505759

1. Approving Material Approval
Agency/Country
FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1588400

2. Organization Name
and Address
Cessna Aircraft Company
Cessna Parts Distribution Dept., 702
5800 E Pawnee, Wichita, KS 67218

3. Part Identification Number

717213

| | | | | | |
|---------------|-----------------|----------------|-------------|-----------------------|-----------|
| 4. Item | 5. Manufacturer | 6. Part Number | 7. Quantity | 8. Installation Month | 9. Status |
| 6. TIRE 15X6. | 156E66-4 | N/A | 1 | 7/040356 | New |

10. Remarks
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# 601360

11. Certification No. Item(s) identified above were manufactured in conformity to:
 Approved design data contained in installation for airworthiness
 Non-approved design data specified in Block 10.

Approved design data contained in installation for airworthiness
 Non-approved design data specified in Block 10.

12. Authorized Signature
 13. Approval Authorization No.
100129CF 14. Authorized Signature
15. Name (Type or Print)
JAMES A. SCHILD, OARF 16. Date (month)
MAY/03/2007 17. Name (Type or Print)
18. Signature

19. Installer Responsibilities
It is important to understand that the issuance of the document above does not automatically constitute authority to install the part/conversion/assembly. We are not responsible for items made in accordance with the technical regulations of an airworthiness authority different from the airworthiness authority of the country specified in Block 1. It is important that the certifying airworthiness authority be advised of any changes judicially accepted by this agency/airworthiness authority prior to issuance of this certificate. It is the responsibility of the installer to be familiar with the national regulations of the user/certifying nation. The aircraft may be flown.

FAA Form 8130-3 (5-04) Installer must cross-check eligibility with appropriate technical job 1004 0802/08/07/04/04

INSPECTION RECORD
F.A.R. 43.11-91.409

| ERVICE | DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|--------|------|-----------------------------|---|
| | | | <p align="center"><i>CJ</i></p> <p>1126 Gaston Day School Rd Gastonia, NC 28056 704-854-3840</p> <p>FLYCAROLINA</p> <p>Make. CIRRUS DESIG Model. SR20 Reg. No.. N700ZG Order No. 24530 Completed: 12/23/09 00:00 S/N 1457 Hobbs Time: 997.90 TTAF:</p> <p>Removed Analog Volt/Amp gauge Cirrus P/N 11240-001 S/N 444, Installed serviceable gauge Cirrus P/N 16472-001 S/N 006. Ground and Flight Ops check good - NDN.</p> <p align="right"><i>Carl D. Jones</i> A&P2190462 Carl D. Jones</p> <p align="center"><i>CJ</i></p> <p>1126 Gaston Day School Rd Gastonia, NC 28056 704-854-3840</p> <p>FLYCAROLINA</p> <p>Make. CIRRUS DESIG Model: SR20 Reg. No.: N700ZG Order No.: 25479 Completed: 02/24/10 00:00 S/N: 1457 Hobbs Time: 1016.90 TTAF: C/W AD 08-11-18 in accordance with SB 2X-78-07 R1, AD next Due 1116.90</p> <p align="right"><i>Dustin R. Whitley</i> Dustin R. Whitley A&P 3231873</p> |

INSPECTION RECORD

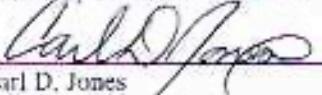
F.A.R. 43.11-91.409

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

FLYCARMELINA

02/25/2010 N700ZG CIRRUS SR20 S/N 1457
AFTT: 1016.9 PHOBBS: 1016.9

Removed Analog Volt/Amp Indicator Cirrus P/N 16472-001 S/N 006. Installed new Analog Volt/Amp Indicator Cirrus P/N 16472-001 S/N 0397. Ground Ops check - good- NDN.


Carl D. Jones

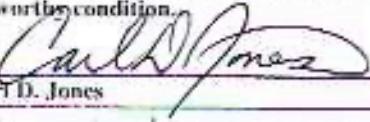
A&P 2190462

FLYCARMELINA

03/26/2010 N700ZG Cirrus S20 S/N 1457
Hobbs: 1024.6 AFTT: 1024.6

Performed Annual Inspection in accordance with Cirrus SR20 MM inspection checklist and CFR 14 Part 43.
In addition, the following work was performed: Repack all wheel bearings. Removed and replaced nose wheel wheel bearings come P/N 08125 and P/N 08231 cup. Replaced bracket air filter P/N BA-24. Replaced 1 Wellnut Q-1032 Left MLG top fairing. Replaced #2 battery - 2 each P/N 50W79.001. C/W Cirrus SB 2X-05-01 Brake Assembly O-Ring, Replacement Interval. Replaced R/H MLG lower Wheel Fairing Bracket Cirrus P/N 17205-002. C/W SB 2X-32-18K4 NL G upper gusset plate inspection. C/W ELT inspection IAW 91.207(d). ELT battery due replacement by 03/2015. AD88-11-18 Engine Exhaust/Heat exchanger due at Hobbs 1116.9. AD's check thru Biweekly 2010-06.

I certify that this Airframe has been inspected in accordance with an Annual Inspection and was found to be in airworthy condition.


Carl D. Jones

A&P 2190462 IA

INSPECTION RECORD
F.A.R. 43.11-91.409

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

536

September 2, 2010 N700ZG SR20 S/N 1457 AFTT 10764

Alternator 2 inoperative. Removed old and installed new ALT2 current sensor p/n 14604-001 and performed repair to 3111 wire harness by removing old connector to MCU circuit board and installing a serviceable unit by environmental splices. Sealed and closed MCU. Cooled engine. Ground run and verified correct function of alternator 2.

David B. Ford

Shawn Brandt A&P2856193

INSPECTION RECORD

F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE | | | |
|------|-----------------------------|---|---------------|------------------------------|--------------------------|
| | | FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43 ALTIMETER CERTIFIED TO | | | |
| | | LEFT | FEET | RIGHT | FEET |
| | | 20,000 | | 20,000 | |
| | | S/N: | 20013486 | S/N: | NA |
| | | DATE: | W/O | INSPECTOR: | <i>Richard Ellington</i> |
| | | 9-30-2010 | 5356 | CAROLINA AVIONICS GROUP, LLC | |
| | | FAA APPROVED REPAIR STATION # QCCR-389K | | | |
| | | FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C. | | | |
| | | TRANSPONDER | MAKE: | MODEL: | S/N: |
| | | #1 | <i>Garmin</i> | GTx327 | 83717689 |
| | | TRANSPONDER | MAKE: | MODEL: | S/N: |
| | | #2 | | | |
| | | DATE: | W/O: | INSPECTOR: | <i>Richard Ellington</i> |
| | | 9-30-2010 | 5356 | CAROLINA AVIONICS GROUP, LLC | |
| | | FAA APPROVED REPAIR STATION # QCCR-389K | | | |

Repalced n
ops check
A&P32934

N700Zg

46651/091.9

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -7000 | 30,000 | |
| 0 | 0 | 35,000 | |
| 500 | 500 | 40,000 | |
| 1,000 | 1000 | 45,000 | |
| 1,500 | 1500 | 50,000 | |
| 2,000 | 2000 | 55,000 | |
| 3,000 | 3000 | 60,000 | |
| 4,000 | 4000 | 70,000 | |
| 6,000 | 6020 | 80,000 | |
| 8,000 | 8020 | | |
| 10,000 | 10040 | | |
| 12,000 | 12060 | | |
| 14,000 | 14060 | | |
| 16,000 | 15080 | | |
| 18,000 | 18080 | | |
| 20,000 | 20080 | | |
| 22,000 | | | |
| 25,000 | | | |

Primary Copilot

Altimeter Position
 Pilot
 Copilot

ALT. SN 20013486
 DATE 9-30-10

DOC# EOC123

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -980 | 30,000 | |
| 0 | 20 | 35,000 | |
| 500 | 520 | 40,000 | |
| 1,000 | 1020 | 45,000 | |
| 1,500 | 1530 | 50,000 | |
| 2,000 | 2020 | 55,000 | |
| 3,000 | 3020 | 60,000 | |
| 4,000 | 4030 | 70,000 | |
| 6,000 | 6040 | 80,000 | |
| 8,000 | 8060 | | |
| 10,000 | 10080 | | |
| 12,000 | 12280 | | |
| 14,000 | 14080 | | |
| 16,000 | 16080 | | |
| 18,000 | 20100 | | |
| 20,000 | | | |
| 22,000 | | | |
| 25,000 | | | |

Primary Copilot

Altimeter Position
 Pilot
 Copilot

ALT. SN N/A
 DATE 9-30-10

DOC# EOC123

INSPECTION RECORD

Charlotte-Monroe Air Center

N700ZG Airframe

Date:3-22-2011 Tach:n/a Hobbs:1119.8 Model:SR20 Serial:1457

Replaced main battery part # G243 Serial # 602336628. Serviced per Gill instructions,
ops check normal.

A&P3293400

51

Charlotte-Monroe Air Center

T

N700ZG

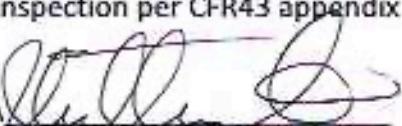
Date:4-6-2011 Tach:n/a Hobbs:1123.5 Model:SR20 Serial #:1457

TTAF:1123.5 TTE:1123.5 TSMOH:n/a TTP:1123.5 TSPOH:n/a

C/W annual inspection. Drained oil and removed filter and inspected, no metal found. Replaced air filter p# BA-24. Installed 7 qts 15W50 Aeroshell and qty 1 CH48108 filter. Ground ran ops and leak check normal. C/W 91.207(d) batterys due Sept 2012. C/W AD 2008-11-18 by inspection, next due 1223.5TT. Installed new nose tire p# 072-312 500x5 and tube. Replaced # 6 EGT probe p# 14554-001 qty 1. Set points in r/h mag. Rotated R/H main tire. Repaired misc cracks in R/H wheel pant w/fiberglass. Rigged flaps up limit prox switch and applied anti chaff to flaps and flap wells. Replaced aft lower cowl seal @ strut p# 20665-001. Replaced qty 5 nose gear pucks p#11879-006. C/W SB2X-32-18-R4 by dye pin inspection, next due 1223.5. Repaired nose wheel fairing with fiberglass.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an annual/100hr inspection per CFR43 appendix D and was found in an airworthy condition.

A&P3293400IA



INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & INSCREPANCY LIST

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

DATE

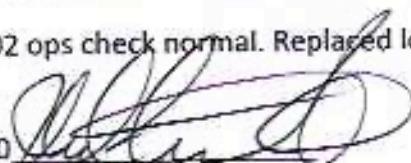
AIRCRAFT TIME
IN SERVICE

N#700ZG

Date:4-29-2011 Tach:n/a Hobbs:1134.7 Model:SR20 Serial:1457

Replaced governor cable p# 14392-102 ops check normal. Replaced logic module p#
T4610-011, ops check normal.

A&P3293400



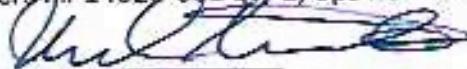
Charlotte-Monroe Air Center

N#700ZG

Date:6-7-2011 Tach:n/a Hobbs:1146.6 Model:SR20 Serial:1457

Installed new rebound bumpers P# 14020-001 qty 2, ops normal.

A&P3293400



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 |
|------|-------------------------------|---|
| | | N#:700ZG |

Date:10-17-2011 AFTT:n/a Hobbs:1166.2 Model:SR20 Serial#:1457

Installed ovh alternator p# ES4024LPR serial # H-L080708, Ground ran , ops check normal.
Replaced R/H main tire tube P# 302-246-401 G15 600/6.

A&P3293400

N#700ZG

Date:3-15-2012 Tach:n/a Hobbs:1184.7 Model:SR20 Serial #:1457

TTAF:1184.7 TTE:1184.7 TStopend repair:363.3 TTP:1184.7 TSPOH:n/a

C/W annual inspection. Drained oil and removed filter and inspected, no metal found.
Installed 7 qts Aeroshell 15W50 and qty 1 CH48108-1 filter. Compressions #1.74/80 #2.64/80 #
3.66/80 #4.68/80 #5.70/80 #66/80. Ground ran ops and leak check normal. C/W 91.207(D) and
replaced batteries, next due 3-2018. Replaced remote ELT switch battery, next due 3-2020.
Replaced #2 batteries p#50979-001 qty 2, next due 3-2014. C/W AD2008-14-13 by inspection,
next due 1284.7/annual. C/W AD2011-26-07 found n/a. C/W AD2012-03-06 found n/a per no
ovh. Replaced qty 1 spark plug p# RHM38E. Replaced landing light lens p# 17299-001 qty 1 and

| | | | | | | | |
|---|---|---------------------------------|------------------|--|--------------------------|------------------------------|---|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | | | 3. Form Tracking Number: H-L080708 |
| 4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL. 36108 (1HZR769B) | | | | | | | 5. Work Order/Contract/Invoice Number: W/O: M785820 |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility*: | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1. | ALTERNATOR - OVERHAUL | ES-4024LPR MOD/NO END | N/A | 1 | H-L080708 | OVERHAULED | |
| 13. Remarks: COPY OF WORK ORDER AVAILABLE ON REQUEST FROM HARTZELL ENGINE TECHNOLOGIES CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.4418 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER 1HZR769B. THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO & ORIG. MFG. COMPLIES WITH PPS-9001 LATEST REVISION. OVERHAULED PER HARTZELL ENGINE TECHNOLOGIES OE-A2 MANUAL, DATED 10/1/10. | | | | | | | |
| 67873 | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: | | | | 15. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 | | | |
| <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. | | | | 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/Authorization No.: | | 17. Name (Typed or Printed): | | 18. Date (m/d/y): | |
| | | | | | | | |
| 17. Name (Typed or Printed): | | 18. Date (m/d/y): | | 20. Authorized Signature: | | 21. Approval/Certificate No: | |
| | | | | | | 1HZR769B | |
| 22. Name (Typed or Printed): | | 23. Date (m/d/y): | | | | | |
| Stacy Tolliver | | SEP 14 2011 | | | | | |
| 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 Block 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. | | | | | | | |



ALT-98 Computerized Test Report

P/N: ES4024-LPR

PASS

S/N: H-L 80708

9/14/2011 14:56

Description: 24V, 85A, NEG

This alternator has an external voltage regulator. SOME PARAMETERS DO NOT APPLY.

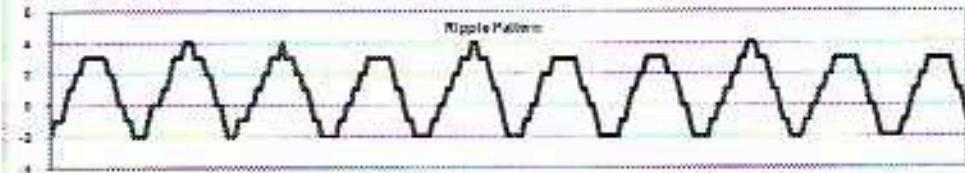
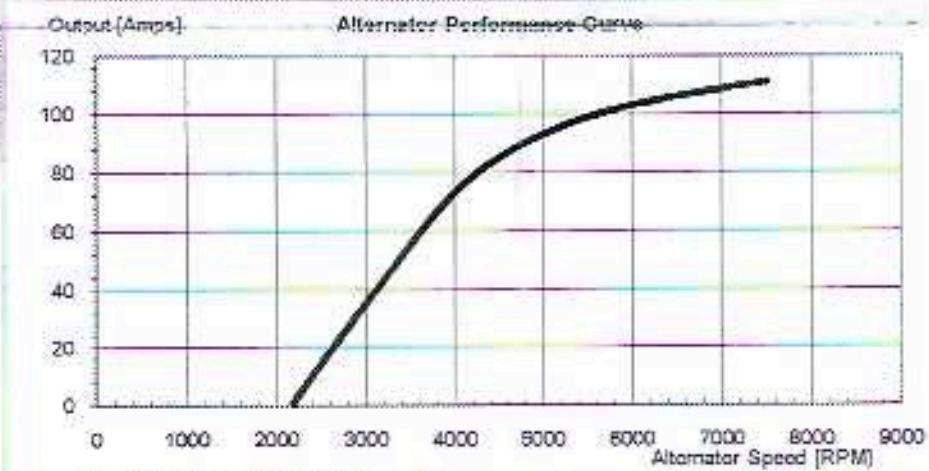
Test Results Table:

| | | |
|----------------------------|-------|-------|
| Maximum Alternator Output: | Amps | 111.2 |
| Maximum Output Power: | Watts | 2827 |
| Leakage Current | mAmps | 0.72 |
| Ripple Current | Amps | 6.0 |
| Alternator Turn On Speed | RPM | 2459 |
| Field Current | Amps | 4.15 |

Output Current Table:

| | | |
|----------------------------|------|-------|
| Output Current at 2200 RPM | Amps | 1.8 |
| Output Current at 3000 RPM | Amps | 35.4 |
| Output Current at 4050 RPM | Amps | 74.8 |
| Output Current at 5000 RPM | Amps | 93.0 |
| Output Current at 6000 RPM | Amps | 103.1 |
| Output Current at 7500 RPM | Amps | 111.2 |
| Output Current at 0 RPM | Amps | 0.0 |
| Output Current at 0 RPM | Amps | 0.0 |

Output tested @ 25.6 V



| | |
|-----------|-----|
| Batch: | 1 |
| Operator: | DMR |
| Remark: | |

| |
|-----------|
| Tech Tip: |
|-----------|

V21

PASS REPORT

172987-001 qty 1. Re-torqued fwd cam cap. Re-torqued L/H mag mt. Re-secured r/h mag harness @ aft area. Cleaned fuel nozzles. Re-torqued r/h i/b fuel sending unit, leak check n ormal. Rotated r/h main tire on wheel.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an annual inspection and is in an airworthy condition per CFR 43.13 appendix D.
A&P329400IA

END

N#:700ZG Airframe

Date:4/11/2012 Tach:n/a Hobbs:1186.3 Model:SR20 Serial:1457

Cleaned connectors for #1 CHT and #3 CHT, ground ran, ops check normal

A&P3293400

INSPECTION RECORD

Charlotte-Monroe Air Center

1650 Aviation Drive

Monroe, NC 28110

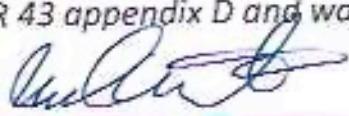
704-283-4600

Date: 3-28-2013 N#:700ZG Tach:n/a Hobbs:1245.1 Model:SR20 Serial#:1457
TTAF:1245.1 TTE:1245.1 TSTrepair:423.7 TTP:1245.1 TSPOH:new.

C/W annual inspection, drained oil and removed filter and inspected, no metal found. Compressions #1.73/80 #2.70/80 #3.66/80 #4.70/80 #5.73/80 #6.72/80. Installed 7 qts 15W50 Aeroshell and qty 1 AA48108-2 filter. Ground ran ops and leak check normal. C/W 91.207(d) battery due 3-2018. C/W AD08-11-18 by inspection, next due 1345.1 ttaf. Replaced qty 6 spark plugs in lower position p# RHM38E. Re-set mag to engine timing L and R. Replaced oil filler cap gasket p# 642892. Rotated r/h tire on wheel assy. Replaced #5 CHT probe p# 14880-001. Re-secured left wing middle inspection panel in flap area and installed new antichaff tape. Re-torqued r/h o/b fuel sending unit. Installed Kit #70229-002 nose gear spindle repair kit IAW ATA 32-20. Touched up chipped areas of all leading edges and wheel fairings with operator supplied touch up paint.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an annual inspection per CFR 43 appendix D and was found in an airworthy condition.

A&P3293400IA



Charlotte-Monroe Air Center

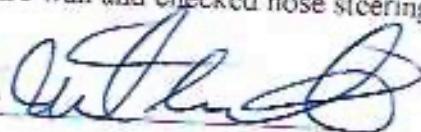


INSPECTION RECORD

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000

N#: 700ZG Date: 5-24-2013 Tach:n/a Hobbs: 1257.9 Model: SR20
Replaced brushes in alternator p#ES4118 qty 1 set. Swapped battery current sensors, ops check normal. Retorqued nose strut mt at fire wall and checked nose steering tension, no adjustment nessasary.

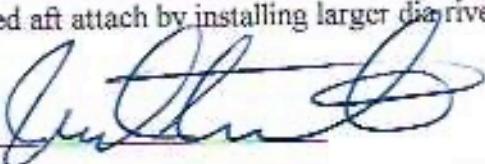
A&P3293400



Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000

N#: 700ZG Date: 7-2-2013 Tach:n/a Hobbs: 1263.8 Model: SR20 Serial#: 1487.
Removed r/h upper strut fairing and repaired aft attach by installing larger dia rivets, re-installed fairing.

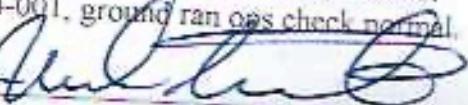
A&P3293400



Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110

N#: 700ZG Date: 1-15-2014 Tach:n/a Hobbs: 1278.2 Model: SR20.
Replaced #3 EGT probe p# 14554-001, ground ran ops check normal.

A&P3293400



INSPECTION RECORD

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

| | | |
|---|-------------|--|
| TRANSPONDER MAKE: #1 | MODEL: | S/N: |
| Garmin GTx 327 | | 82717689 |
| TRANSPONDER MAKE: #2 | MODEL: | S/N: |
| DATE: 10-23-2013 | WO: 6396 | INSPECTOR: <i>Richard Ellington</i> |
| CAROLINA AVIONICS GROUP, LLC FAA APPROVED REPAIR STATION # QCCR-389K | | |

109

US & DISCREPANCY LIST
ING OR DISAPPROVING AIRCRAFT FOR SERVICE

| FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43 | | |
|--|----------------|--|
| ALTIMETER CERTIFIED TO | | |
| LEFT | FEET | RIGHT |
| 20,000 | | 20,000 |
| S/N: 21854304 | S/N: 439975 | |
| DATE: 10-23-2013 | WO: 6396 | INSPECTOR: <i>Richard Ellington</i> |
| CAROLINA AVIONICS GROUP, LLC FAA APPROVED REPAIR STATION # QCCR-389K | | |

C
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and P
AD2
24-09

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N70029

Tech: 1072.5

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c |
|-------------|---------------------------|
| -1,000 | -1020 |
| 0 | -20 |
| 500 | 480 |
| 1,000 | 780 |
| 1,500 | 1480 |
| 2,000 | 1980 |
| 3,000 | 2980 |
| 4,000 | 3980 |
| 6,000 | 5980 |
| 8,000 | 8000 |
| 10,000 | 10050 |
| 12,000 | 12020 |
| 14,000 | 14020 |
| 16,000 | 16020 |
| 18,000 | 18020 |
| 20,000 | 20020 |
| 22,000 | |
| 25,000 | |

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

ALT. S/N 2185404
 DATE 10-23-12

DOC# E00123

CAROLINA AVIONICS GROUP, LLC
 FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c |
|-------------|---------------------------|
| -1,000 | -1000 |
| 0 | 0 |
| 500 | 500 |
| 1,000 | 1000 |
| 1,500 | 1500 |
| 2,000 | 2010 |
| 3,000 | 3020 |
| 4,000 | 4020 |
| 6,000 | 6040 |
| 8,000 | 8060 |
| 10,000 | 10060 |
| 12,000 | 12060 |
| 14,000 | 14060 |
| 16,000 | 16080 |
| 18,000 | 18080 |
| 20,000 | 20100 |
| 22,000 | |
| 25,000 | |

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

ALT. S/N 439975
 DATE 10-23-12

DOC# E00123

INSPECTION RECORD

F.A.R. 43.11-91.409

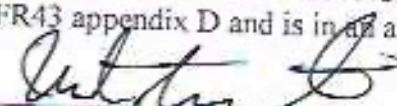
| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|---|
|------|-----------------------------|---|

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, NC 28110
704-283-0000

N#:700ZG Date:5-8-2014 Hobbs:1289.0 Model:SR20.
C/W annual inspection, drained oil and removed filter and inspected, no metal found. Installed 7 qts 15W50 Aeroshell and qty 1 AA48108-2 filter. Compressions #1.77/80 #2.72/80 #3.72/80 #4.75/80 #5.77/80 #6.72/80. C/W 91.207(d), battery due 3-2018. Replaced alternator belt p#655627-1 and prop oring C3317-228. Cleaned fuel injector nozzles. Applied anti chaff in misc places in engine area. Adjusted engine/mixture control friction lock. Replaced r/h main tire and tube, Tire P# 15x6.00x6 serial # 3127S00055. Tube 15x6. Rotated L/H main tire. Replaced Left and Right brake disc and pads p#s CLE-164-24400 disc qty 2. P#CLE-066-14100 qty 4. C/W AD2008-11-18 by inspection. Replaced qty 6 spark plugs RHM38E on lower side. C/W SB2X-24-09 by installing inline fuse per sb instructions.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an annual inspection per CFR43 appendix D and is in an airworthy condition at this time.

A&P3293400



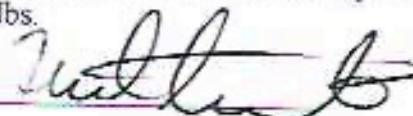
INSPECTION RECORD
F.A.R. 43.11-91.409

FAIR USE INFORMATION - STATUS & DISCREPANCY LIST

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000

N#:700ZG Date:5-16-2014 Hobbs:1289.0 Model:SR20.
Replaced #2 system batteries p# 50979-001 qty 2, next due 5-2016. Replaced nose steering thrust washer p# 50545-001 and set tension to 25lbs.

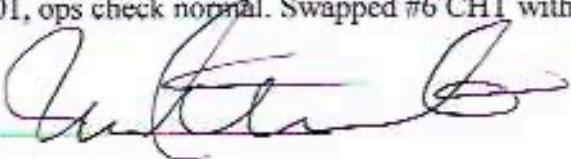
A&P3293400



Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000

N#:700ZG Date:11-18-2014 Tach:1308.7 Model:SR20 Serial#:1457
Replaced #1 alternator sensor p# 14604-001, ops check normal. Swapped #6 CHT with #4 CHT for trouble shooting, due in flight check.

A&P3293400



INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR FURTHERAIRFRAME ENTRY"N" #:
N700ZGMake:
CIRRUSModel:
SR20Serial #:
1457Total Time:
1307.1Date:
10/21/2014

Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH INDUSTRY STANDARDS.
2. COMPLIED WITH CIRRUS SB2X-95-18R1 CAPS PARACHUTE AND ROCKET MOTOR REPLACEMENT. REMOVED PARACHUTE PIN 20339-001 S/N 03661 AND INSTALLED REBUILT PARACHUTE PIN 26574-003-REB S/N 03731R1. REMOVED ROCKET MOTOR ASSEMBLY PIN 15047-001 S/N 01069 AND INSTALLED NEW ROCKET MOTOR ASSEMBLY PIN 29500-003 S/N 0621. WORK ACCOMPLISHED IAW SERVICE BULLETIN ACCOMPLISHED INSTRUCTIONS. THE WEIGHT & BALANCE AND EQUIPMENT LIST UPDATED AND REVISED. NEXT REPLACEMENT DUE 0/2024.
3. COMPLIED WITH CIRRUS SB2X-95-13 CAPS STRAP INSPECTION AND GROMMET INSTALLATION. INSPECTED CAPS STRAPS AND INSTALLED GROMMETS PER SERVICE BULLETIN ACCOMPLISHED INSTRUCTIONS. NO DEFECTS NOTED AT THIS TIME.
4. COMPLIED WITH CAPS REEFING LINE CUTTERS 6-YEAR REPLACEMENT. REMOVED AND REPLACED LINE CUTTERS WITH NEW KIT PIN 25347-002 IAW CIRRUS SR20 MM APPLICABLE SECTIONS OF CHAPTER 05-01-01.

*****MAINTENANCE RELEASE*****

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 92781.



SIGNED BY: *Deekra Brown* FOR
EAGLE AVIATION, INC., 2001 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
FAA APPROVED REPAIR STATION NO. FEHR859D

| | | | | | |
|---|--|-----------------|--------------|--------------------|---|
| 1. Approving Civil Aviation Authority/Country: FAA/United States | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: 497160 |
| 4. Organization Name and Address: Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811 PC#338CE | | | | | 5. Work Order/Contract/Invoice #: 497160 |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: See Block 12 |
| 1 | PACKED PARACHUTE ASSEMBLY, SR20 | 25574-003-REB | 1 | 03731R1 | |

12. Remarks:

Rebuilt to original PAH's Specifications.

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

Process Specification 90814 is FAA approved under Type Certificate A00009CH.

Expiration: AUG/06/2024

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 12. | 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 14 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | |
| 13b. Authorized Signature: | 13c. Approval/Authorization No.: | 14b. Authorized Signature: | 14c. Approval/Certificate No.: PC#338CE |
| 13d. Name (Typed or Printed): | 13e. Date (dd/mm/yy): | 14d. Name (Typed or Printed): VA Huynh Muu VANG | 14e. Date (dd/mm/yy): 2 / Sept. / 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.

Airworthiness Approval Tag 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 works 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 block 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.

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N.C. 28110
704-283-0000
Airframe

N# 700ZG Date:5-15-2015 Hobbs:1321.7 Model:SR20

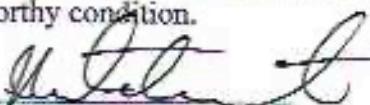
TTAF:1321.7 TIE:1321.7 TSTop end:500.3 TTP:1321.7 TSPOH:new

C/W annual inspection. Drained oil and removed filter and inspected, no metal found.

Compressions #1.70/80 #2.70/80 #3.52/80 #4.68/70 #5.70/80 #6.72/80. Installed 7 qts 15W50 Aeroshell oil and qty 1 AA48108-2 filter. Replaced inlet air filter p# BA24. C/W 91.207(d) battery due 3-2018. C/W AD2008-11-18 by pressurizing muffler, no defects, next due 1421.7

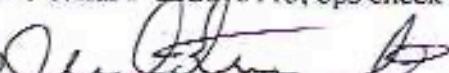
I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an 100hr inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P3293400IA



N#:700ZG Date:7-3-2015 Hobbs:1322.0 Model:SR20
Replaced battery with p# G243 serial # G02873115, ops check normal.

A&P3293400



FAR 91.411

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

ALTIMETER CERTIFIED TO

| LEFT | FEET | RIGHT | FEET |
|------|------|-------|------|
|------|------|-------|------|

20,000

20,000

S/N: 21854304

S/N: 439975

DATE: 5-19-2016 WO: 7416

INSPECTOR: Richard Ellington

CAROLINA AVIONICS GROUP, LLC
N70029 FAA APPROVED REPAIR STATION # QCCR-389K

DISCREPANCY LIST

DISAPPROVING AIRCRAFT FOR SERVICE

FAR 91.413

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

| | | |
|-------------------|---------------|----------|
| TRANSPONDER MAKE: | MODEL: | S/N: |
| #1 | Garmin GTx327 | 83717689 |

| | | |
|-------------------|--------|------|
| TRANSPONDER MAKE: | MODEL: | S/N: |
| #2 | | |

| | | |
|-----------|------|-------------------|
| DATE: | WO: | INSPECTOR: |
| 5-19-2016 | 7416 | Richard Ellington |

CAROLINA AVIONICS GROUP, LLC
N70029 FAA APPROVED REPAIR STATION # QCCR-389K

N700ZG

1369.1

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | 71000 | 30,000 | |
| 0 | 20 | 35,000 | |
| 500 | 520 | 40,000 | |
| 1,000 | 1020 | 45,000 | |
| 1,500 | 1520 | 50,000 | |
| 2,000 | 2020 | 55,000 | |
| 3,000 | 3020 | 60,000 | |
| 4,000 | 4020 | 70,000 | |
| 6,000 | 6030 | 80,000 | |
| 8,000 | 8040 | | |
| 10,000 | 10050 | | |
| 12,000 | 12050 | | |
| 14,000 | 14060 | | |
| 16,000 | 16060 | | |
| 18,000 | 18050 | | |
| 20,000 | 20050 | | |
| 22,000 | | | |
| 25,000 | | | |

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

Stby

ALT. S/N 439975

DATE 5-19-16

N700ZG 1369.1

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -1000 | 30,000 | |
| 0 | 0 | 35,000 | |
| 500 | 500 | 40,000 | |
| 1,000 | 997 | 45,000 | |
| 1,500 | 1490 | 50,000 | |
| 2,000 | 1990 | 55,000 | |
| 3,000 | 2990 | 60,000 | |
| 4,000 | 3990 | 70,000 | |
| 8,000 | 5990 | 80,000 | |
| 8,000 | 8000 | | |
| 10,000 | 10020 | | |
| 12,000 | 12040 | | |
| 14,000 | 14020 | | |
| 16,000 | 16020 | | |
| 18,000 | 18000 | | |
| 20,000 | 19980 | | |
| 22,000 | | | |
| 25,000 | | | |

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

ALT. S/N 218S4304
DATE 5-19-16

INSPECTION RECORD
F.A.R. 43.11-91.409

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000
Airframe

N#: 700ZG Date: 5-25-2016 Hobbs: 1361.9 Model: SR20.

TTAF: 1361.9 TTE: 1361.9 TSTop: 540.4 TTP: 1361.9 TSPOH: new.

C/W Annual inspection. Drained oil and removed filter and inspected, no metal found.

Compressions: #1.58/80 #2.65/80 #3.60/80 #4.70/80 #5.70/80 #6.74/80. Installed 7 qts 15W50

Aeroshell and qty 1 AA48108-2. Replaced inlet air filter p# BA-24 C/W 91.207(d), battery due

3-2018. C/W SB 2X-28-12R fuel pump inspection. C/W SB2X-53-05R1 by inspection, C/W

SB2X-55-12 by inspection. C/W AD2015-10-51 per para (g)(1). C/W AD2008-11-18 by

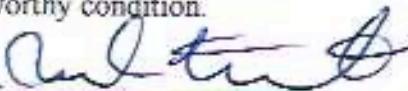
inspection and pressure check. Replaced #2 battery's p# PS-1270 qty 2. Replaced L/H muffler p#

A20560-001. Re-set mag to engine timing. Sealed paint crack on r/h wing leading edge @ step.

Replaced misc grommet nuts p# 50802-001 qty 1, 50803-001 qty 3.

I certify that this **AIRFRAME/ENGINE/PROPELLER** has been inspected IAW an annual
inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P3293400IA



C/W Annual
7 qts 15W50
#4.65/80 #5.
p#50242-00
mag retimed

I certify that
inspection I

Aerospace Welding Minneapolis Inc.
1045 Gemini Road
Eagan, MN 55121
(651) 379-9888

63774

FAA-PMA

Part Number:
A20559-002

Approved Replacement for:
Cirrus Design Corporation 20559-001,
20559-002

Installation Eligibility:

SR20 S/N 1423 thru 1885

QA-16

Aerospace Welding Minneapolis Inc.
1045 Gemini Road
Eagan, MN 55121
(651) 379-9888

47317

FAA-PMA

Part Number:
A20560-001

Approved Replacement for:
Cirrus Design Corporation
20560-001

Installation Eligibility:

SR20 S/N 1423 and on

QA-16

INSPECTION RECORD

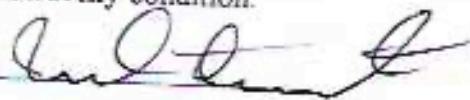
Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, NC 28110
704-283-0000
Airframe

N#: 700ZG Date: 5-5-2017 Flight: 1383.1 Model: SR20

C/W Annual inspection. Drained oil and removed filter and inspected, no metal found. Installed 7 qts 15W50 Aeroshell and qty 1 AA48108-2 filter. Compressions: #1.72/80 #2.60/80 #3.55/80 #4.65/80 #5.72/80 #6.70/80. C/W 91.207(D) battery due 3-2018. Replaced fuel bowl drain valve p#50242-001. Re-secured co-pilot carpet. Replaced L and R door struts p#GGS48 P1 qty 2. R/H mag retimed to engine. C/W AD08-11-18 by pressure check, next due 1483.1.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an Annual inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P3293400IA



INSPECTION RECORD

FAR 91.411

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

ALTIMETER CERTIFIED TO

| LEFT | FEET | RIGHT | FEET |
|-----------|---|------------------------------|-------------------|
| | 20,000 | | 20,000 |
| S/N: | 21854304 | S/N: | 439975 |
| DATE: | WO: | INSPECTOR: | Richard Ellington |
| 4-17-2018 | 8272 | CAROLINA AVIONICS GROUP, LLC | |
| N70026 | FAA APPROVED REPAIR STATION # QCCR-389K | | |

FAR 91.413

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

| | | |
|------------------------------|---|-------------------|
| TRANSPONDER MAKE: #1 | MODEL: | S/N: |
| Garnin | GTX 327 | 83717689 |
| TRANSPONDER MAKE: #2 | MODEL: | S/N: |
| | | |
| DATE: | WO: | INSPECTOR: |
| 4-17-2018 | 8272 | Richard Ellington |
| CAROLINA AVIONICS GROUP, LLC | | |
| N70026 | FAA APPROVED REPAIR STATION # QCCR-389K | |

APPENDIX LIST

APPROVING AIRCRAFT FOR SERVICE

OW Annual
 Change
 Avonhill and
 D cell battery
 AD no I
 normal. Repl
 requirements
 I certify that
 inspection p

N700ZG

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -1000 | 30,000 | |
| 0 | 0 | 35,000 | |
| 500 | 500 | 40,000 | |
| 1,000 | 1000 | 45,000 | |
| 1,500 | 1500 | 50,000 | |
| 2,000 | 1990 | 55,000 | |
| 3,000 | 2990 | 60,000 | |
| 4,000 | 4000 | 70,000 | |
| 6,000 | 6000 | 80,000 | |
| 8,000 | 8070 | | |
| 10,000 | 10020 | | |
| 12,000 | 12020 | | |
| 14,000 | 14000 | | |
| 16,000 | 16000 | | |
| 18,000 | 15000 | | |
| 20,000 | 20000 | | |
| 22,000 | | | |
| 25,000 | | | |

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

ALT. S/N 21854704
 DATE 4-17-18

DOC#E00123

N700ZG

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K
 Altimeter Scale Error
 Correction Card

| TEST PT(FT) | Indicator Reading at +25c | TEST | Indicator Reading at +25c |
|-------------|---------------------------|--------|---------------------------|
| -1,000 | -990 | 30,000 | |
| 0 | 10 | 35,000 | |
| 500 | 510 | 40,000 | |
| 1,000 | 1010 | 45,000 | |
| 1,600 | 1610 | 50,000 | |
| 2,000 | 2020 | 55,000 | |
| 3,000 | 3020 | 60,000 | |
| 4,000 | 4020 | 70,000 | |
| 6,000 | 6040 | 80,000 | |
| 8,000 | 8040 | | |
| 10,000 | 10060 | | |
| 12,000 | 12080 | | |
| 14,000 | 14060 | | |
| 16,000 | 16060 | | |
| 18,000 | 18060 | | |
| 20,000 | 20040 | | |
| 22,000 | | | |
| 25,000 | | | |

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

Sky ALT. S/N 439975
 DATE 4-17-18

DOC#E00123

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRFRONT TIME

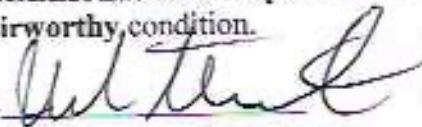
Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, NC 28110
704-283-0000
Airframe

N#:700ZG Date:4-23-2018 Hobbs:1463.3 Model: SR20
TTAF:1383.1 TTE:1383.1 TSMOH: n/a TTP: 1383.1 TSPOH: n/a

C/W Annual Inspection. Drained oil and removed filter and inspected, no metal found. Compressions #1.70/80 #2..74/80 #3.58/80 #4.70/80 #5.76/80 #6.70/80. Installed 7 qts 15W50 Aeroshell and qty 1 AA48108-2 filter. C/W 91.207(D) on P# E-01 serial # 050264, and replaced D cell batterys ,Battery's Next due 2-2020. C/W AD2008-11-18 by replacing muffler p#A20559-002, AD no longer recurring. Removed fuel nozzles and cleaned and re-installed, leak check normal. Replaced #2 stand by batterys. PS-1270 qty 2, next due 4-2020. C/W annual lube requirements. Repaired nose wheel fairing with fiberglass.

I certify that this AIRFRAME/ENGINE/PROPELLER has been inspected IAW an Annual inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P3293400IA



Engine

N#:700ZG Date:4-23-2018 Hobbs:1463.3 Model: SR20
TTAF:1383.1 TTE:1383.1 TSMOH: n/a TTP: 1383.1 TSPOH: n/a

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

DATE

Date: 03/13/2018
Tail Number: N7002G
Invoice No: 112932

Hobbs: 1410.1



Cleaned oil pressure sensor contacts with contact cleaner. Performed ground run up, oil pressure indication satisfactory.

Thomas Ireland
Thomas Ireland
A&P 3198250

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



9200-B Aviation Blvd., Concord, NC 28027

DATE: 05/10/19 **REG: N700ZG** **MAKE: Cirrus** **MODEL: SR20**
SN: 1457 **HOBBS: 1417.8**

AIRFRAME

Performed an Annual Inspection on this **AIRFRAME** I/A/W FAR Part 43 Appendix D in scope and detail. Inspected all cables, pulleys, hinges and push pull tubes. Lubricated all applicable lube points. Checked flight control travels and cable tensions. Complied with FAR 91.207 (d) E.I.T inspections. Exp. Date: April 2020. Cleaned and repacked wheel bearings. Cleaned fuel screen replaced O-Ring P/N MS28775-137 and Stat O Seal P/N NAS1523-8B. Found Oil cooler leak, replaced oil cooler gasket P/N 654117. Timed mags to engine I/A/W manufacturer's instructions. AID search done, all AIDs current and complied with. All work was done I/A/W Cirrus SR20 A/M.

Ryan Shepherd

A&P 3805429

I certify this AIRFRAME has been inspected in accordance with FAR Part 43 Appendix D in scope and detail with an Annual inspection and return to service at this time. -END-

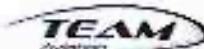
Luis Osuna

A&P 1A: 2783010

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 |
|--------------|---|---|
| Aug 23, 2019 | Hobbs: 1470 | |
| | Removed alternator #1 & sent out to T&L Elec Svcs for repair & 500hr CK. Reinstalled and system CKS good. | |
| | | <i>Mark Palazzo</i> AC# 332480K8 |
| | | |
| | | |
| | | |
| | | |



DuPage Airport, West Chicago, IL 60185

Date: 8/28/2019 Aircraft: N7002G Model: Cirrus SR20 Serial: 1457 Invoice: 9754
Hobbs: 1473.1

The following work was accomplished:

- Removed FCM P/N 14625-001, S/N P044003 and replaced with P/N 29435-002, S/N 7820. System tested normal, okay for service.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo
Mark Palazzo, AF 32011A

END

| | | |
|---------------|--|-------------------------------------|
| Sept. 4, 2019 | Hobbs: 1480 | |
| | Pilot reports battery is dead. Replaced Battery with brand new Concorde RG24-11M S/N - 41013404 per AC & Technical bulletin. No weight change. Batt system CKS good. | |
| | | <i>Mark Palazzo</i> AC# 332480K8 |
| | | |
| | | |
| | | |
| | | |

INSPECTION RECORD
F.A.R. 43.11-91.409

FOR SERVICE

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

DATE AIRCRAFT TIME
IN SERVICE

Sept 17

2019 Hobbs: 1508.5

Pilot reports both TACHS are inop. Replaced TACH generator P/N- 12323 - 003. All TACH indications are normal on ground run up.

Linda Kest
AFR3324FLW

October 25, 2019 Hobbs: 1585

Replaced RH aft white nav light bulb P/N
A50828 Cks good

Linda Kest
AFR3324FLW

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 | | | | | |
| | | Aircraft #: N7007G | Model: Cirrus SR20 | Date: 11/4/2019 | |
| | | Serial#: 1457 | | WO#: 19-082 | |
|  Hobbs: 1604.4 The following work was accomplished: <ul style="list-style-type: none"> • Removed LH main landing gear tire and tube and replaced with new tire P/N 070-449-0, S/N 9207500104 and new tube P/N 097-500-0. Tire certified by Michelin – LPAV, Place des Carmes-Dechaux, 63040 Clermont-Ferrand Cedex 9, France, RS#FR.21G.0100, WO#9207500104; see FAA Form 8130-3 dated 8/2/2019 for details. I certify that this AIRCRAFT has been inspected or repaired in accordance with current Federal Aviation Regulations and manufacturer's recommendations and is approved for return to service. | | | | | |
| Signed: <u>Robert C Taets</u> Robert C. Taets, AP 2697388 | | | Date: 50 Action: AD-08 dated 1/2 dated 7/1 Bobby W. A&P 2702 | | |
| <p>January 9, 2020 Hobbs: 1689.6 Replaced RH main tire 15X6.0-6 6ply and new Michelin AirStop inner tube. Inflated to proper pressure</p> <p><i>Robert C. Taets</i> A&P #32486/108</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

Jan 22, 2020 Hobbs: 1702.5

Replaced RH tail pipe clamps P/N - 20553-001.
Replaced NBR .5 cyl CHT sensor P/N - 14880-001.
All CKS good.

Randy Laster
A#P33248610

Date: 5/22/2020; Aircraft: N700ZG; Type: CIRRUS SR20; S/N: 1467, Hobbs: 1762.70; Total Time: 1762.70
 Airframe Work

AD 08-07-06 Fuel line and wiring harness in console. PCW by service bulletin 2X-28-04R1. See log entry
 dated 1/24/2007. AD 07-14-03 Parachute system pick-up collar support PCW by AX2-95-10R2 see log entry
 dated 7/19/2007.

Bobby Wangler
A&P Z702325 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567



MICHELIN

Stabilimento di Cuneo

Piazza Robert Daubrée 12020, Ronchi - Cuneo

CERTIFICATE OF CONFORMANCE

CERTIFICATO DI CONFORMITÀ

DIMENSIONE - 6EL20

| | | | | | |
|---------------------------|---------------|-----------------------------------|----------|---------------------------------------|---------|
| P.I.N Codice materiale | 097 - 500 - 0 | Tube size Dimensione camera | 15x9.0-6 | Production lot Lotto produzione | 3 /2018 |
|---------------------------|---------------|-----------------------------------|----------|---------------------------------------|---------|

Gentleman, we hereby certify that the parts supplied and referenced by the production lot, are manufactured according to applicable specifications. Substantiating documents regarding the subject parts are on file available for inspection upon request.

Signori, con questo documento noi certificiamo che i materiali forniti ed identificati col riferimento del lotto di fabbricazione, sono realizzati conformemente alle specifiche richieste. I documenti previsti, relativi ai materiali in oggetto, sono archivati e disponibili per ispezione su richiesta.

| | | | |
|---|----------------------------|-----------------------|--|
| Tubes Quality Assurance Manager Responsabile Garanzia Qualità camera | Name Nome M. Valerio | Signature / Firma | Date Data (dd/mm/yy) 17/01/2018 |
|---|----------------------------|-----------------------|--|

IST_193_PLE_CNO FOR02

Edizione del 29/06/2015

Aircraft Tube Installation Procedure

1. Inspect the inside of the tire for foreign objects or contaminants and verify the tire inner liner is free of any damage or cracks.
2. Inspect the tube for any damage or cracks. Use of a previously installed tube is not recommended since it most likely grew with the tire and may be too large for the new tire. It will be difficult to install a used tube in a new tire without folds that can split and leak.
3. Dust the tube and inside of the tire with tire talc or soapstone. (Prevents tube abrasion and wrinkling)
4. Partially inflate the tube until it just takes shape without stretching. Deflate slightly to allow some flexibility for installation into the tire.
5. Install the tube into the new tire with the valve stem on the serial side of the tire next to the rod mark that indicates the light spot of the tire. Do not fasten valve to rim until after final inflation.
6. Inflate the tube until it just begins to assume the shape of the tire. Feel for wrinkles/creases between tube and tire. Using the valve, rotate the tube slightly in the tire back and forth to remove any wrinkles. If the tube does not move easily, deflate slightly. Do not overstretch the rubber at the base of the valve. Deflate and repeat if necessary.
7. Assemble the wheel according to wheel manufacturer's procedures.
8. Inflate the tube/tire to the recommended operating pressure.
9. Completely deflate the tube/tire. (To allow air trapped between tire/tube to escape.)
10. Re-inflate the tire/tube to the correct operating pressure.
11. Check pressure in 24 hours. Re-inflate to operating pressure (assumes trapped gas escaped). Repeat each day until all gas has escaped and pressure stabilizes.

1. Approving competent Authority Cezay
Autorité Compétente Pays
DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE

2

AUTHORISED RELEASE CERTIFICATE
Certificat Libératoire Autorisé
EASA FORM 1
Formulaire 1 de l'EASA

3. Form Tracking Number
N° de repère du Formulaire
19 / 53924 / NKE / N / B



4. Organisation Name and Address :
Nom et Adresse de l'Organisme :



MICHELIN – LPAV
Place des Carmes-Déchaux
63040 CLERMONT-FERRAND CEDEX 9
FRANCE

5. Work Order / Contract / Invoice
Bon de commande / Contrat / Facture
9207S00104

| 6. Item / Item | 7. Description / Description | 8. Part No. / N° de pièce | 9. Qty / Qté | 10. Serial No. / N° série | 11. Status / Work / Etat / Travaux |
|----------------|------------------------------|---------------------------|--------------|---------------------------|------------------------------------|
| N/A | 15XB.0-6/6/160 | 070-449-0 | 1 | 9207S00104 | NEW |

12. Remarks
Remarques

Norme(s): ETSOO62, TSOO62
ETSOO62 Approval Number: EASA.210.849, TSOO62 LODA Approval Number: TF/ANB/14/2008-416

This document has been issued according to an approved computer generated signature procedure
Ce document a été émis selon une procédure approuvée de signature électronique

13a Certifies that the items identified above were manufactured in conformity to :
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :
 approved design data and are in a condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité
 non-approved design data specified in block 12
données de conception non approuvées spécifiées dans la case 12

14a. Part 145.A.50 Release to Service
Approbation pour remise en service
Selon Partie 145.A.50

Other regulation specified in block 12
Autre réglementation précisée en case 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 Part 145 and in respect to that work the items are considered ready for release to service.
Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.

13b. Authorised Signature
Signature autorisée

SOMJAINUEK MAKPUT
Quality Assurance
QA-NKE/N/09
Authorized

13c. Approval/Authorisation Number
Numéro d'agrément/d'autorisation

FR.21G.0100

14b. Authorised Signature
Signature autorisée

14c. Certificate/Approval Ref. No.
N° du Certificat/Agrément

13d. Name / Nom

13e. Date (dd mmm yyyy) / Date (jj mmmaaaa)

02 Aug 2019

14d. Name / Nom

14e. Date (dd mmm yyyy) / Date (jj mmmaaaa)

USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur

This certificate does not automatically constitute authority to install the item(s).

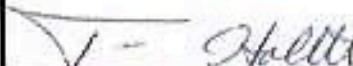
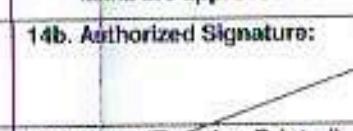
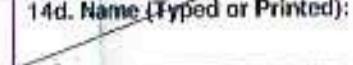
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

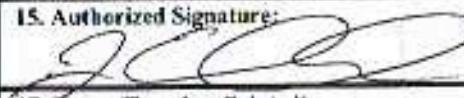
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items livrés par l'autorité de navigabilité mentionnée dans la case 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.

Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'enregistrement de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

| 1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | 3. Form Tracking Number: 20362-19 |
|---|--|---|--|--|---|
| 4. Organization Name and Address: Concorde Battery Corporation 2009 San Bernardino Rd. West Covina, CA 91780 | | | PAH No.: PQ1174NM | | 5. Work Order/Contract/Invoice Number: 22507-06 |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: |
| 1 | Battery | RG24-11R | 25 | 41008794, 41008795 41008797, 41013395 41013397-41013399 41013401-41013404 41013406-41013412 41013416, 41013430 41013432-41013436 | New |
| 2 | Parts | 9771 | 25 | 020619-43 (Included with P/N RG24-11R) | New |
| 3 | Battery | RG-25 | 8 | 41009235, 41009256 41009257-41009260 41009262, 41009263 | New |
| 12. Remarks: This PMA part is not a critical component. (Cross check eligibility at www.concordebattery.com) | | | | | |
| 13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12. | | | 14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certificates that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | | |
| 13b. Authorized Signature:  | | 13c. Approval/Authorization No.: 7602B1446 | 14b. Authorized Signature:  | | 14c. Approval/Certificate No.:  |
| 13d. Name (Typed or Printed): Taylor Hollett | | 13e. Date (dd/mm/yyy): 15 APR 2019 | 14d. Name (Typed or Printed):  | | 14e. Date (dd/mm/yyy):  |
| User/Installer Responsibilities | | | | | |
| <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p> | | | | | |

| 1. Approving National Aviation Authority/Country: FAA / UNITED STATES | 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | | | | 3. Form Tracking Number: 18082 Page 1 of 2 |
|---|---|-----------------|--------------------------|----------------------|--------------------------|------------------|---|
| 4. Organization Name and Address: Teledyne Battery Products 840 West Brockton Ave. Redlands, CA USA 92374 | | | | PMA Number: PQ1006NM | | | 5. Work Order/Contract/Invoice Number: 18082 |
| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: | |
| 1 | Aircraft Battery | 7638-44 | Bell Helicopter 205A-1 | 6 | SEE ATTACHED | NEW | |
| 2 | Aircraft Battery | G-241 | Cessna Aircraft 152 | 4 | SEE ATTACHED | NEW | |
| 3 | Aircraft Battery | G-243 | Cessna Aircraft 182 | 20 | SEE ATTACHED | NEW | |
| 4 | Aircraft Battery | G-25 | Cessna Aircraft 310 | 10 | SEE ATTACHED | NEW | |
| 5 | Aircraft Battery | G-35 | Raytheon (Beechcraft) 19 | 10 | SEE ATTACHED | NEW | |

| | | | | | | | |
|---|--|---|--|--|--|-------------------------------|--|
| 13. Remarks: AIRWORTHINESS APPROVAL FOR DOMESTIC SHIPMENT ONLY. | | | | | | | |
| 14. Certifies the items identified above were manufactured in conformity to: | | | | 15. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 | | | |
| <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data 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/Authorization No.: DMIR-830638-NM | | 20. Authorized Signature: | | 21. Approval/Certificate No.: | |
| 17. Name (Typed or Printed): James Ellison | | 18. Date (m/d/y): 01-29-2009 | | 22. Name (Typed or Printed): | | 23. Date (m/d/y): | |

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 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