

AIRCRAFT LOG
AE5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER K36

PRIMER _____

COLOR FBC919.387

COLOR FBC92813

COLOR _____

CLEAR F3905

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corporation MODEL SR22 DATE OF MFG. Dec 2007

SERIAL NUMBER 2868 REGISTRATION NUMBER N6685R

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

Inspection Status (Check one)

- F.A.R. 91.409 ANNUAL/100 HOUR
- F.A.R. 91.409 PROGRESSIVE
- F.A.R. 135.419 A.T.C.O.
- OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

| ITEM | MANUFACTURER | MODEL | SERIAL NO. |
|-----------|----------------------------------------|-------------------|----------------|
| ENGINE | <i>Teledyne Continental Motors Inc</i> | <i>TB-530 W</i> | <i>691466</i> |
| ENGINE | | | |
| PROPELLER | <i>Hartzell Propeller Inc</i> | <i>PHC-534F-W</i> | <i>FP6307B</i> |
| PROPELLER | | | |
| ENGINE | | | |
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| PROPELLER | | | |

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION


11-27-07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC ENGINE TECHNOLG-

SE10589SC TURBO ALIBY

SA01708SE

CDC  on 11/27/07.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

N668SR
Kings Avionics, Inc.

Date - 03/07/2012
Station #TF2R185L


Removed EXP5000 S/N 21003434, EX5000 S/N 20037377, and S-Tec 55X S/N 01192-0920-14094. Installed EXP5000 S/N 20030306, EX5000 S/N 20016334, and DFC90 S/N M114050932 IAW Avidyne IM 600-00141-001 Rev 5, IM 600-00073 Rev 24, IM 600-00251-000 Rev 5, and STC SA00296BO approved June 18, 2010. Programmed and configured system. Performed post installation configuration and testing. Performed Mag Calibration. All ground tests ok. Negligible weight change.

Signature



Repairman #3568698

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

| A.D. BULL. NUMBER | ITEM AFFECTED | DATE & HRS. AT COMP. | METHOD OF COMPLIANCE | TYPE OF A.D. 1 TIME/RECUR. | NEXT COMP. DATE/HRS./CYCLE | AUTHORIZED SIGNATURE CERTIFICATE NO. |
|-------------------|---------------|----------------------|-------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------------------------------------------------------------------|
| | | 26 Dec 87 18 hrs | | | |  |
| | | | Searched AD's through bi-weekly issue <u>2007-26</u> . All AD's are in compliance at this time. | | | |
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Date- 11/18/11

Kings Avionics, Inc.

Station #TF2R185L

The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature Matthew A. Heiser Repairman # 3568698

Hobbs/Tac 748.8 W.O.# 67030, 66617, 66618, 66623

Action: Both STBY Altimeter, blind encoder and transponder for recertification. Performed PFD correlation to 20,000 feet. Performed transponder/encoder integration to 14,500 feet. Performed static leak test. All tests ok.

KA Form 012

| RECHECK REQUIRED | APPROVED BY AGENCY CERT. NO. |
|------------------|------------------------------|
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Registration # N6667R

Registration # N6667R

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

I certify that the following equipment and associated pitot-static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in _____

Transponder Model # GTX 327 S/N 83730019
 Signature Matthew A. Heiser Date 11/18/11
 Certificate No. 3568698 for Kings Avionics, Inc.
 FAA Repair Station TF2R185L

| | Model # | SN # |
|----------------------|------------------------------------------------------|--------------------------|
| Pilot's Altimeter | <u>EX 5000 C</u> | <u>210031 34</u> |
| Co-Pilot's Altimeter | | |
| STDBY Altimeter | <u>5734P/15-3</u> | <u>465249</u> |
| Remote Encoder/ADC | <u>A-30</u> | <u>109169</u> |
| RVSM Compliance | | if applicable |
| MAX Test Altitude to | <u>20,000</u> | ft. Date <u>11/18/11</u> |
| Signature: | <u>Matthew A. Heiser</u> | |
| FAA Repair Station : | <u>TF2R185L</u> | |
| KA Form-003 | Certificate # <u>3568698</u> Kings Avionics, Inc. | |

KA-Form-009

MAINTENANCE RECORD F.A.R. 43.9

DATE OF
COMPLETION

MAKE Cirrus
MODEL SR22 G3
S/N 2868
REG NO 668SR
WORK ORDER
10470-12-2007



Cirrus Design Factory Service Center

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

DATE: 12/27/2007
A/C TSN 13.3
HOBS 13.3

NO.
SERVICE

Airframe Entries

(8) Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 and standard maintenance practices.

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

DATE: 12/27/2007

SIGNED:

[Signature]
Steven LaMouras
Certified Repair Station No YD5R855Y

Work Order: 10470-12-2007

Printed by EBIS 3 (datcomedia.com)

6-19-2008

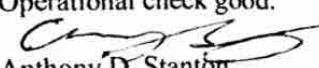
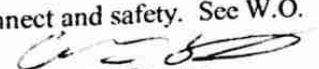
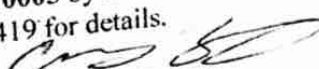
Flight Hobbs: 110.6

N668SR Airframe Log

Complied with Cirrus SB 2X-52-07 R4 by installing kit P/N 70186-005. See W.O. 20344 for details.

[Signature]
Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Ks. 66031
CRS YEBR071L

MAINTENANCE RECORD F.A.R. 43.9

| AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8-1-2008 | Flight Hobbs: 135.8 Installed new cabin air heat/air mixing box on the firewall. Installed all new cabin heat sceet forward of the firewall (4 pieces). | N668SR Airframe Log Operational check good.  Anthony D. Stanton Executive Beechcraft Inc. 280 Gardner Drive New Century, Ks. 66031 CRS YEBR071L |
| 8-8-2008 | Flight Hobbs: 137.8 Installed correct hardware onto the master waste gate interconnect and safety. See W.O. 20419 for details. | N668SR Eng. Log  Anthony D. Stanton Executive Beechcraft Inc. 280 Gardner Drive |
| 8-8-2008 | Flight Hobbs: 137.8 Complied with Cirrus SB 2X-08-01 by installing updated delivered weight data equipment list in the POH. Complied with Cirrus SB 2X-57-09 by installing flap cove patch kit P/N 70202-001. Complied with Precise Flight Oxygen SL 102NMAN0005 by installing switch guard P/N 100N2125-1 and inspecting the ribbon cable. See W.O. 20419 for details. | N668SR Airframe Log  Anthony D. Stanton Executive Beechcraft Inc. 280 Gardner Drive New Century, Ks. 66031 CRS YEBR071L |

MAINTENANCE RECORD

1-15-2009

Hobbs: 206.2

ACTE: 206.2

N668SR Airframe Log

NO.
TO SERVICE


DATE OF
COMPLETE

Completed an Annual inspection using Cirrus Design SR22 AMM chapter 5-20 Scheduled Maintenance Checks as a guide. Replaced the following items with new; nose landing gear rebound bumper, R/H brake caliper shim, L/H and R/H brake caliper O-rings, R/H tail nav. light.

Performed the following maintenance; Serviced the engine induction air filter. Sealed the R/H strobe lens in. Shimmed the R/H and L/H gear leg strut clamps. Cleaned corrosion from battery terminals. Tightened the prop. control rod end bolt at the engine control quadrant. Inspected the ELT IAW FAR 91.207(d). No defects noted. Complied with Cirrus SB 2X-21-03R1 by sealing the condenser. AD 2008-14-13 cabin door rod end PCW by installation of kit P/N 70186-005 IAW Cirrus SB 2X-52-07R4 on 6-19-2008. AD 2008-06-28R1 Avidyne PFD is N/A per S/N.

I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. See W.O. 20658 for details.

IFR cert. due: 11-2010
ELT battery due: 12-2012
Oxygen bottle: 6-2012



Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Ks. 66031
CRS YEBR071L

8-26-2009

Hobbs: 341.4

N668SR Airframe Log

R/R aft L/H vent after reinstalling the snap ring. See W.O. 20943 for details.


Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Kansas 66031
CRS YEBR071L

MAINTENANCE RECORD F.A.R. 43.9


CO 10-14-2009

Hobbs: 350.6

N668SR Airframe Log

CERTIFICATE NO.
RETURNED TO SERVICE

Removed roll trim motor assembly S/N EO12 and installed CRS YD5R855Y overhauled roll trim motor P/N 12546-003S S/N 304. Operational check good. Removed auto pilot computer S/N 0741-12850 and installed new auto pilot computer P/N 13560-002 S/N 0920-14094. Flight test good. See W.O. 20979 for details.



Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Kansas 66031
CRS YEBR071L

11-19-2009

Flight Hobbs: 376.4

N668SR Airframe Log

Installed new pitch trim motor assembly and rigged. Operational check good. See W.O. 21038 for details.


Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Ks. 66031
CRS YEBR071L

MAINTENANCE RECORD F.A.R. 43.9

DATE OF
COMPLETION

N# 6685R Date 9/29/09

Kings Avionics, Inc. Station #TF2R185L

The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature [Signature] Repairman # 2270456

Hobbs/Tac 399.1 W.O.# 67024

Action: Found turn coordinator damping bad. Installed exchange turn coordinator. Removed GNS 430W S/N 234040H installed GNS 430W S/N 23406431 and configured. Removed PFD, and MFD, installed exchange PFD S/N 21003434, MFDS/N 20037377 Replaced two diodes between them. Performed Mag cal, Integration and correlation to 20,000 feet
All tests ok

KA Form 012

AGENCY & CERTIFICATE NO.
FORMED/RETURNED TO SERVICE

Registration # N6685R

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

Transponder Model # GTX 327 S/N 83730019
Signature [Signature] Date 12/2/09
Certificate No. 2270456 for Kings Avionics, Inc.
FAA Repair Station TF2R185L

KA-Form-009

Registration # N6685R

I certify that the following equipment and associated pitot/static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in _____

| | Model # | S/N # |
|----------------------------------------|-----------------|------------------------------|
| Pilot's Altimeter | <u>EX5000C</u> | <u>21003134</u> |
| Co-Pilot's Altimeter | | |
| STDBY Altimeter | <u>S934AD-3</u> | <u>465214</u> |
| Remote Encoder/ADC | <u>A30</u> | <u>109169</u> |
| RVSM Compliance | | if applicable |
| MAX Test Altitude to <u>20,000</u> ft. | | Date <u>12/2/09</u> |
| Signature <u>[Signature]</u> | | Certificate # <u>2270456</u> |
| FAA Repair Station : TF2R185L | | Kings Avionics, Inc. |

KAForm-003

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>N# <u>668 ± R</u> Date- <u>12/2/09</u> Kings Avionics, Inc. Station #TF2R185L The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency. Signature <u>[Signature]</u> Repairman # <u>2270456</u> <u>Hobbs/Tac</u> <u>446-8</u> W.O.# <u>6663, 6667, 6618, 67030</u> Action: <u>Ret/R transponder, encoder and standby altimeter for recertification. Performed transponder/encoder integration to 14,800 feet. Performed static leak test. All tests ok</u></p> | |

MAINTENANCE RECORD F.A.R. 43.9

NO.
TO SERVICE

DATE COMPLET
12-8-2009

Hobbs: 391.9

ACTT: 391.9


N668SR Airframe Log

Completed an Annual inspection using Cirrus Design SR22 AMM chapter 5-20 Scheduled Maintenance Checks as a guide. Replaced the following items with new; L/H and R/H brake caliper O-rings, TKS filter, #2 batteries, magneto pressure filter, R/H and L/H tail pipe V band clamps, L/H and R/H main tires, L/H and R/H brake linings, L/H and R/H lower fairing grommets, L/H and R/H horizontal stab fairings, air conditioner compressor drive.

Performed the following maintenance; Serviced the engine induction air filter. Reapplied metal tape to the L/H lower cowling. Serviced the TKS inline strainer. Installed new double sided tape to the lower R/H wing root fairing and reattached. Swapped the L/H and R/H outboard fuel sensors for troubleshooting purpose. Installed FF2R818K repaired pitch servo S/N 0808-18466BCDEFHJK (see woR000060432 dated 1-15-2009). Tightened the nose landing gear attach bolts and installed safety. Installed shims on the L/H and R/H main gear legs to adjust toe in. Serviced the oxygen. Inspected the ELT IAW FAR 91.207(d). No defects noted. Complied with Cirrus SB 2X-05-01 by installing kit P/N 70227-002. AD 2009-05-05 is N/A per S/N of PFD. AD 2009-16-03 is N/A per SAP cylinders not installed. AD 2009-24-52 E is N/A per engine manufacture date 10-31-2007.

I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. See W.O. 21055 for details.

IFR cert. due: 12-2011
ELT battery due: 12-2012
Oxygen bottle: 6-2012


Anthony D. Stanton
Executive Beechcraft Inc.
280 Gardner Drive
New Century, Ks. 66031
CRS YEBR071L

MAINTENANCE RECORD F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
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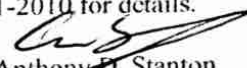
| | | | |
|-----------|--------------|-------------|---------------------|
| 12-7-2010 | Hobbs: 555.2 | ACTT: 555.2 | N668SR Airframe Log |
|-----------|--------------|-------------|---------------------|

Completed an Annual inspection using Cirrus Design SR22 AMM chapter 5-20 Scheduled Maintenance Checks as a guide. Replaced the following items with new; R/H fuel tank indicating dials, Yellow heat indicator on the R/H brake, R/H brake caliper O-rings, R/H nose wheel bearing and race.

Performed the following maintenance; Serviced the engine induction air filter. Serviced the oxygen and TKS. Inspected the ELT IAW FAR 91.207(d). No defects noted. Complied with TAT SB 10-02 by installing new tail pipe hangers. Complied with Cirrus SB 2X-32-19 R2 by installing kit P/N 70238-001 and inspecting the upper gusset plate for cracks. No cracks noted at this time.

I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. See W.O. 21404-11-2010 for details.

IFR cert. due: 12-2011
ELT battery due: 12-2012
Oxygen bottle: 6-2012


 Anthony D. Stanton
 Executive Beechcraft Inc.
 280 Gardner Drive
 New Century, Ks. 66031
 CRS YEBR071L

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MAINTENANCE RECORD F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|-----------------------------------------------------|-------------------------------------------------------------|
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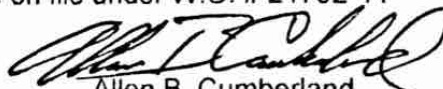
11-22-2011 Hobbs: 748.8

**N668SR AIRFRAME LOG
Cirrus SR22 SN: 2868**

Completed an Annual Inspection IAW FAR Part 43 appendix D checklist.
 Performed 12-Mo ELT inspection and functional test in accordance with 14 CFR 91.207
 Installed new PN G243 #1 battery and new PN 50979-001 #2 battery
 Complied with SB2X-27-16R1 flap over extension condition.
 Complied with TAT-SI08-05 serviced induction air filter.
 Installed new fuel dials in R/H wing, ops check.
 Installed new magneto pressurization filter.
 450 hour V-band clamp replacement completed.
 2 year TKS filter replacement and strainer service competed.

I certify this article has been inspected in accordance with an Annual Inspection and determined Airworthy. Details of this inspection are on file under W.O. # 21702-11-2011.




 Allen B. Cumberland
 Signature TechnicAir
 Aircraft Maintenance
 280 Gardner Drive
 New Century, KS 66031
 CRS YEBR071L



Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116

DATE
COMPLI

| | | | | | | |
|----------|-------------|--------|--------|------------|------------|------------|
| AIRCRAFT | S/N 22-2686 | | | | | |
| REG. NO. | DATE: | HOBBS | FLIGHT | | | |
| N668SR | 11/8/2012 | 1107.7 | 997.4 | enter text | enter text | enter text |

Completed Annual Inspection utilizing Cirrus Checklist 05-20
 12 Mo Battery 1 Capacity Check completed. Battery passed at 106%
 500 Hr/2Yr #2 Battery Replacement completed
 500 Hr Engine Mount Weldment and Lower Mount Attach Fittings torque verification completed
 5 Yr Replacement of Artex ME406 ELT Remote Battery Completed with new p/n 2CR1108
 5yr Hydrostatic test on O2 bottle and overhaul of regulator and mask is completed
SB2X-57-13R2 Completed. Removed right main landing gear lower attach brackets checked condition of locking collar on nuts and replaced 3 nuts
 Replaced ELT battery with new p/n Artex 455-0012. Battery due Date Oct/2019
 Removed left aft (white) navigation light and installed new lamp p/n 34-0428070-64
 Removed brake calipers cleaned, resealed and reinstalled. Bled brakes and installed new heat indicators
 Removed Right Main wheel and tire assembly disassembled and removed tire and tube. Cleaned visually inspected wheel and installed new tire and tube. Repacked bearings reassembled wheel and tire assembly and reinstalled
 Disassembled throttle linkage cleaned and lubricated control cable and prop control cable and reinstalled
 Removed right main gear lower attach bracket and repositioned aluminum washers reinstalled bracket
 Removed alternator removed brush block. Cleaned out pieces of old brush block installed new brush block holder assy p/n ALE-3045BS and reinstalled alternator
 Adjusted Aileron cable tension

I certify that this Aircraft has been inspected in accordance with and ANNUAL inspection and was determined to be in airworthy condition, and is approved for return to service. wsd



Pertinent details are on file at this repair station under work order X21979

Inspector's Signature William D. Hicks William D. Hicks

Signature TechnicAir - KMKC FAA certified repair station AKGR142C enter text

NO.
TO SERVICE

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>Duncan Aviation Inc. 701 NW Lou Holland Dr. Kansas City, MO 64116 CRS# JQ02194F Phone (816) 421-1836 Fax (816) 421-1877</p> | |
| | HOBBS: 1304.0 LDGS: NA | REG #: N668SR TYPE: Cirrus SR22 | S/N: 2868 |
| <p>Certified ADC-1, Avidyne EXP-5000, part number 700-00006-000, serial number 20030306, and Standby Altimeter, United Instruments part number 5934AD-3, serial number 485214, to 20,000 feet on 25 Nov 2013. Leaked checked pitot and static system. Certified Garmin GTX-327 transponder, part number 011-00490-00, serial number 83730019. Tested and inspected static pressure system, altimeter and automatic pressure altitude reporting system in accordance with Title 14 CFR Part 91.411 and ATC transponder tests and inspections in accordance with 14 CFR Part 91.413(a) and found to comply with Title 14 CFR Part 43, Appendices E and F.</p> | | | |
| <p>The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 2MT5A.</p> | | | |
| Signed <u>Roderick A Smyler</u> | |  | |
| For Duncan Aviation CRS# JQ02194F | | Date: 11/25/2013 | |

MAINTENANCE RECORD



**Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116**

| | | | | | |
|----------|------------|--------|--------|--|--|
| AIRCRAFT | S/N 2868 | | | | |
| REG. NO. | DATE: | HOBBS | A/CTT | | |
| N668SR | 11/25/2013 | 1304.0 | 1178.6 | | |

Completed Annual Inspection in accordance with Cirrus Scheduled Inspection Report, Chapter 05-20, dated May 31, 2011.

- Cleaned and recharged induction air filter for Tornado Alley STC.
- Complied with Precise Flight Annual inspection items, Document # 102NPMAN0003, Rev. A, dated October 3, 2006.
- Completed ELT Inspection IAW 14 CFR 91.207(d).
- Complied with 6 Year Replacement of CAPS Reefing Line Cutters. Installed Kit, PN: 25347-002, with cutter SN: 5240 and 5308, DOM September, 2013. Removed Lot # T0507J 003-045.
- Cleaned bird debris from windshield and looked for damage. None noted at this time.
- Installed new grommet kit on air conditioner drive, PN: 1133177-1..
- Removed one washer on left main gear leg attach bracket and torqued bolts
- Installed shim insulator on right brake caliper. P/N: 068-01100.
- Installed new main ships battery, PN: G-243, SN: G02801734.
- Cleaned spilled beverages from belly of aircraft, and applied ACF 50 to prevent corrosion.
- Serviced oxygen.
- Performed a functional check of the TKS system, and inspected the tank to determine if the fuel return line inside it was leaking. Found no sign of fuel leak. SB 2X-28-11 R2 is deferred.
- Complied with Special Inspection of Cabin Air Control Assembly. No defects noted.
- Inspected Elevator hinge as per Cirrus SA 13-05.

I certify that this Aircraft has been inspected in accordance with and **ANNUAL 14 CFR 91.409 (a)(1)** inspection and was determined to be in airworthy condition, and is approved for return to service.


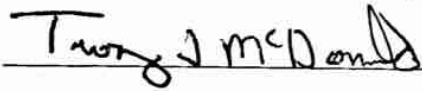
Pertinent details are on file at this repair station under work order MKC 13-007685.

Inspectors Signature: Jennifer Rogers Jennifer Rogers

Signature TechnicAir - KMAC FAA certified repair station #KGR142C

INSPECTION RECORD F.A.R. 43.11-91.409

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

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION-STATUS & DISCREPANCY LIST |
|-------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 Dec 2007 | 12.6 Hrs | <p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Greg Peterson Date <u>20 Dec 2007</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p> |
| 26 Dec 2007 | 12.6 HRS | <p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>Dec 26 2007</u>. The next inspection is due <u>Dec 31 2008</u>.</p> <p><u></u></p> <p>Troy J. McDonald ODARF-405228-CE</p> |

INSPECTION RECORD

F.A.R. 43.11-91.409

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



Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116

| | | | | | |
|----------|-----------|--------|--------|--|--|
| AIRCRAFT | S/N 2868 | | | | |
| REG. NO. | DATE: | HOBBS | A/C TT | | |
| N668SR | 5/21/2014 | 1360.5 | 1230.9 | | |

- Complied with Cirrus SB2X-28-11R2, dated August 2, 2013, Fuel Line Replacement, by removing old fuel line, removing defective sealant and cleaning area. Corrosion was found on the lateral rib during the completion of the SB. A repair was issued from Cirrus Design, R11828, and the repair was completed. The tank was re-sealed and a new fuel line was installed, PN: 17313-002.
- Complied with Cirrus SB2X-24-09, dated February 15, 2011, Electrical Load Distribution-Transient Voltage Suppressor Fuse Installation, by installing in-line fuse holder, PN: 50960, and fuse, PN: 50961-001 on non-fused TVS. Replaced all existing TVS fuses with new, PN: 50961-001.
- Complied with Cirrus SB2X-30-07 R3, dated May 10, 2010, Ice Protection Airfoil Porous Panel vent Inspection, by cleaning sealant out of the right hand wing vent hole. The left side was not blocked.
- Complied with Cirrus SB2X-28-06R2, dated March 26, 2014, Fuel Level Sensor Dial replacement, by installing 4 new fuel potentiometers, PN: 18484-501, and completing fuel quantity calibration.
- Installed 6 new nose gear pucks, PN: 13386-001, and new rebound bumper, PN: 18380-001, on the nose landing gear.
- Repaired and painted small nick in forward, right hand cowling.

This article was repaired in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect the work preformed and is approved for return to service. Pertinent details are on file at this repair station under work order: **MKC-14-007816 & MKC-14-007845.**

Inspectors Signature: *Jennifer Rogers* Jennifer Rogers
 Signature TechnicAir - KMKC *AP 34099441A*

Cumberland Avionics, LLC

210 Tune Airport Drive Nashville, TN 37209

REG NO: N668SR

DATE: 27 June 2014

MODEL #: SR22

TACH: 1233.8

S/N: 2868

SERVICE

AIRFRAME LOG

Removed and replaced flap up and flap down relays, p/n 50288-001. All work accomplished IAW Cirrus SB 2X-27-17.

This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service.

Signed



Date: 27 June 2014



Duncan Aviation Inc.

701 NW Lou Holland Dr.

Kansas City, MO 64116

CRS# JQ02194F

Phone (816) 421-1836 Fax (816) 421-1877

HOBBS: 1483.3

REG #: N668SR

MAKE: CIRRUS

MODEL: SR22

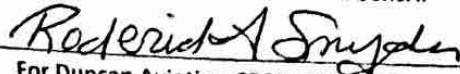
S/N: 2868

Performed Operational Test on Artex ME406 ELT, Part Number 453-6603, Revision B, Serial Number 06488. Verified the ID Code of ADCC40656000261 to be correct with the ELT tester. Battery expires October 2019. Tested and inspected the ELT system in accordance with Title 14 CFR 91.207(d) and the ACR Electronics ME406 Maintenance Manual 25-62-30, p/n 570-1600, Rev. R, dated 03 Oct 2013.

The above described repair or maintenance is approved for return to service.

A detailed record is on file under Work Order # 3CK8A.

Signed



DUNCAN
Q1 1134

For Duncan Aviation CRS# JQ02194F

Date: 11/17/2014



Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116

DATE

| | | | | | |
|----------|------------|--------|--------|--|--|
| AIRCRAFT | S/N 2686 | | | | |
| REG. NO. | DATE: | HOBBS | FLIGHT | | |
| N668SR | 12/10/2014 | 1483.3 | 1344.8 | | |

Performed Annual Inspection in accordance with Cirrus Scheduled Inspection Report, Chapter 05-20, dated May 31, 2011.

Aircraft Total Time: 1344.8

- Complied with Precise Flight ICAs, document # 102NMAN0003. Completed visual inspection and operational checks.
- Complied with AmSafe ICAs. AmSafe Service Letter 25-031, dated August 1, 2008, Revised January 8, 2009, changes the life limit for inflators used in AAIR systems used on part 23 and 25 aircraft, from 7 to 10 years. Both installed inflators, PN: 20902-002, SN: AASI207U30301, and PN: 20902-002, SN: AASI207U30262, will be due for replacement August 11, 2017.
- Complied with AmSafe ICA, 84 Month EMA Controller Refurbishment, by removing, PN: 508358-421, Cirrus PN: 20902-001, SN: 11OCT07-31, and installing refurbished EMA Controller, PN: 508358-421. SN: RA18NOV14-15, expiration date is November, 2021.
- Complied with 500 Hour / 24 Month replacement of the # 2 Battery, PN: 50979-001.
- Re-sealed rear window with AC 240B 1/2.
- Balanced nose wheel, and installed new thrust washer, PN: 50545-001, and Belleville washer, PN: 51853-001.
- Installed new tire on left MLG, PN: 156E66-4, SN: 21457658.
- Installed new brake discs on both MLG, PN: 164-02504.
- Installed new insulator on the left brake, PN: 068-01100.
- Adjusted gap measurement on both MLG legs to proper tolerance.
- Installed new "NO STEP" placard on Pilots side wing.
- Installed new fresh air duct, PN: 19629-001, with new insulation, PN: 18892-001.
- Inspected and cleaned air conditioning drive bearing in situ.
- Installed new heat shield tape on the lower cowling.
- Serviced TKS tank.
- Serviced ships' main battery and re-charged.

I certify that this Aircraft has been inspected in accordance with and **ANNUAL 14 CFR 91.409 (a)(1)** inspection and was determined to be in airworthy condition, and is approved for return to service.

Pertinent details are on file at this repair station under work order MKC-14-008041.

Inspectors Signature: *Jennifer Rogers*

Jennifer Rogers
A&P 3409944 IA

Signature TechnicAir - KMKC

INSPECTION RECORD F.A.R. 43.11-91.409

TORNADO ALLEY TURBO INC.
300 AIRPORT RD
ADA, OK 74820
N668SR CIRRUS SR22 SN: 2868
TCM IO-550-N SN: 691466

AIRFRAME LOG BOOK ENTRY

27 JANUARY 2016

FLIGHT: 1430.0 HOBBS: 1575.9

ENG TT: 1430.0

TORNADO ALLEY TURBO, INC.



COMPLETED ANNUAL INSPECTION USING CIRRUS DESIGN CORPORATION SCHEDULED INSPECTION REPORT DATED 1 JAN 2016 AS A GUIDE. PERFORMED ALL INSPECTIONS AND MAINTENANCE AS REQUIRED BY DOCUMENT. COMPLETED ALL INSPECTION REQUIREMENT AS SPECIFIED BY THE TORNADO ALLEY TURBO CONTINUED AIRWORTHINESS GUIDE. PERFORMED ALL INSPECTION AND MAINTENANCE AS REQUIRED BY PRECISE FLIGHT OXYGEN CONTINUED AIRWORTHINESS PERFORMED AIRWORTHINESS DIRECTIVE SEARCH USING AVANTEX DISC 2016-01. PERFORMED CIRRUS MSB2X-28-12R1 FOUND ALL OTHER MSB'S AND AD'S PREVIOUSLY COMPLIED WITH, NOT DUE, OR NOT APPLICABLE. COMPLIED WITH TAT SB 10-01 BY INSPECTION OF AIR DOOR HINGE PIN COMPLIED WITH TAT SB 11-04 BY CLEANING AND INSPECTING TURBO INLET OIL VALVE AND SCREENS COMPLIED WITH TAT SI 11-03 BY INSPECTING TURBO SUPPORT RODS COMPLIED WITH TAT SB 12-02 BY CHECKING FOR FUEL LEAKS AT PUMP COMPLIED WITH TAT SI 11-01 BY INSPECTING AND LUBRICATING EXHAUST SLIP JOINTS COMPLIED WITH TAT SI 08-05 BY CLEANING INDUCTION AIR FILTER. COMPLIED WITH TAT SI 08-04 BY PRESSURE TESTING CABIN HEATER AUGMENTERS COMPLIED WITH TAT SI 15-02 BY CHECKING TURBO COMPLIED WITH TAT SI 15-01 BY INSTALLATION OF -6 SIZED HOSE ON APC PERFORMED 12 MONTH ELT OPERATION CHECK PER FAR 91.207D. ELT BATTERY NEXT DUE AT OCT 2019. PERFORMED AIRCRAFT LUBE REQUIREMENTS. LUBRICATED ENGINE CONTROL CABLES. REPLACED FRONT LEFT BAFFLING WITH SERVICEABLE BAFFLE TRAY. REPLACED SLAVE WASTEGATE CLEVIS PIN. INSTALLED GUSSET ON LH BAFFLE SIDE TRAY REMOVED H-VALVE HOSE CONFIGURATION IAW TAT INSTRUCTIONS. INSTALLED RH TAILPIPE HANGER SCHEET REPAIRED AMSAFE TEST PLUG GROUND WIRE. REPAIRED RH INTERCOOLER FLANGE REPLACED BRAKE O-RINGS AND TEMPERATURE LABELS ALL FLIGHT CONTROL RIGGING CHECKS PERFORMED PER MAINTENANCE MANUAL. ALL LANDING GEAR CHECKS PERFORMED PER MAINTENANCE MANUAL. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION RUN-UP, OP'S, FLIGHT TEST AND LEAK CHECK OK. APPROVED FOR RETURN TO SERVICE. AIRCRAFT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS.

WESLEY JENKINS A&P 3041696 IA

N#- 668SR

Date- 2-16-16

Butler Avionics, Inc.

Station #TF2R185L

The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature George Kellum Repairman # 2542192

Hobbs/Tach _____ W.O.# MS 03960

Action: Recertified the EXP5000, stby altimeter GTX327, ACK 30 encoder. Performed encoder / Transponder integration test and back checked Static System. Performed Avdyne Bulletin 601-0004-087.

BA Form 012

REPANCY LIST
APPROVING AIRCRAFT FOR SERVICE

DATE

Registration # 668SK

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

Transponder Model # GTX327 S/N 83730019

Signature George Kellum Date 2-16-16

Certificate No. 2542192 for Butler Avionics, Inc.

FAA Repair Station TF2R185L

BA-Form-009

Registration # N-668SR

I certify that the following equipment and associated pitot/static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in _____

| | Model # | S/N # |
|---------------------------------------|-----------------|------------------------------|
| Pilot's Altimeter | <u>EXP-5000</u> | <u>20030306</u> |
| Co-Pilot's Altimeter | <u>5734A-3</u> | <u>485214</u> |
| STDBY Altimeter | <u>HCN A-50</u> | <u>109169</u> |
| Remote Encoder/ADC | | if applicable |
| RVSM Compliance | | Date <u>16-FEB-16</u> |
| MAX Test Altitude to <u>20,000</u> ft | | Certificate # <u>2542192</u> |
| Signature: <u>George Kellum</u> | | Butler Avionics, Inc. |
| FAA Repair Station: <u>TF2R185L</u> | | |
| BA Form-003 | | |