

Book #2



**CIRRUS**  
**DESIGN**

Aircraft Maintenance Record

Section. 1: Airframe

# AIRCRAFT

1. Registration Number N105EZ  
2. Make / Model CIRRUS SR22  
3. Serial Number 22-1872  
4. Manufacture Date MAR 2006

Record of:

- a) Engine Installations
- b) Propeller Installations
- c) Airworthiness Directives (A/D) Compliance
- d) Service Bulletin (S/B) Compliance
- e) Routine Inspections
- f) Repairs and Alterations

AS OF 4/3/08

MFD S/N 22840126  
PFD S/N 21640086  
GARMIN #1 S/N 97132335  
GARMIN #2 S/N 97132206

AS OF 9/5/08

PFD S/N 20233175  
MFD NO change  
Garmins NO Change

XM ID'S WMNUH00V 5/1/09

RADIO ~~ENHANCED~~

Weather ~~EXTENDED~~

Rev. 9 S/N's as of Sep 4, 2009

#1 IFD M092760209

#2 IFD M092760183





# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
6/29/06	34.4	MODIFIED LOWER cowl by Add a VENT FAN EWO 061219. SEE EWO FOR DETAILS.	R ID. U. 2730755 AEP	
6/29/06	32.7	TRIMMED LOWER cowl EXHAUST AIR OUTLETS FAN. 061204. SEE EWO 061204 FOR DETAILS.	R ID. U. 2730755 AEP	
7/12/06	40.6	Removed PFD S/N-21640086 And Installed PFD S/N-29598216 WITH TURBOCHARGER DRAFT 00'S EXPERIMENTAL SOFTWARE. LEAK CHECK COMPLETE Pitot - 0.7 KTS/MIN, STATIC -13 FT/MIN	SW TS	
7/13/06	41.2	PERFORMED MAG CAL W/ PFD S/N-29598216 (AW COND 080)	SW TS	
7-12-06	40.6	Installed <sup>etc</sup> Drilled hole in R/H fwd. Baffle and installed adl clamp to secure alt. #1 wires in new location.		
7/14/06	42.6	Removed foil tape from cowl louvers Qty 2 END	Buzaneta SW	4761441111 A92707095
7/20/06	44.0	<del>PFD</del> VERIFIED PFD <sup>S/W</sup> <del>PER</del> BLOCK 30 DRAFT 005 TURBOCHARGER, MFD S/W 530-00180-100 REV 00 PROTO 02B, ARE INSTALLED. R ID. U. 2730755 AEP		
7/20/06	44.0	VERIFIED DAV ENG-6 INSTALLED.	R ID. U. 2730755 AEP	

7/10/06 40.6 Accomplished EWO 061206 (repair deviation R 8188) per EWO <sup>SW</sup> ~~SW~~ 2657465 AEP

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
7/21/06	44.0	REMOVED MCU P/N 19900-001. INSTALLED P/N 19900-002, S/N 00043. OPS ✓ GOOD. B-ID. U/P 2730755 A/P		
8-1-06	51.5	Removed original upper cowl and installed upper cowl from NZITE for test evaluation.		
8-2-06	5	Reinstalled original upper cowl A/R.	B. Landreth	47611441111111
8/8/06	64.1	REMOVED & REPLACED DAU S/N ENG 26 WITH S/N ENG B1-1. OPS ✓ GOOD B-ID. U/P 2730756 A/P	B. Landreth	47611441111111
9/29/06	100.1	Replaced DAU with CN# 303	D. Landreth	2651512 IA
9/23/06	100.1	the TSO'ed flex 053-00180-102 Rev 2 was installed in the EX5000 MFD IN accordance with Avidyne approved SR631-00054-030 Rev 01.	D. Landreth	2651512 IA
9/21/06	100.1	Replaced PFD with P/N# 700-00006-000 Rev 35 S/N# 21640086	D. Landreth	2651512 IA

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 95.0

TCM IO-550-N SN# 689135 TSMOH: 95.0

INSTALLATION OF TURBONORMALIZED SYSTEM AS PERSUENT TO EXPERIMENTAL CERTIFICATE.

INSTALLATION COMPLETED IN ACCORDANCE WITH CURRENT TORNADO ALLEY TURBO DRAWING PACKAGE AND INSTALLATION INSTRUCTIONS.

INSTALLATION OF SUPPLEMENTAL 4 PLACE OXIGEN SYSTEM AS PERSUENT TO EXPERIMENTAL CERTIFICATE.

INSTALLATION COMPLETED IN ACCORDANCE WITH CURRENT TORNADO ALLEY TURBO DRAWING PACKAGE AND INSTALLATION INSTRUCTIONS.

DAVID R LANDRETH A&P 2651512 IA


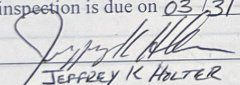
# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		<p>TORNADO ALLEY TURBO INC.            300 AIRPORT RD            ADA, OK 74820  <b>AIRFRAME LOG BOOK ENTRY</b>            29 SEPT 2006  <b>N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 100.1</b>  <b>TCM IO-550-N SN# 689135 TSMOH: 100.1</b>            I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 29 SEPT 2006 IN ACCORDANCE            AND DETAIL OF THE APPENDIX D, PART 43 OR OTHER FAA APPROVED PROGRAM, AND FC            CONDITION FOR SAFE OPERATION.</p>		
		<p>DAVID R LANDRETH A&amp;P 2651512 IA</p>		
		<p>TORNADO ALLEY TURBO INC.            300 AIRPORT RD            ADA, OK 74820  <b>AIRFRAME LOG BOOK ENTRY</b>            29 SEPT 2006  <b>N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 100.1</b>  <b>TCM IO-550-N SN# 689135 TSMOH: 100.1</b>            SEARCHED AIRWORTHINESS DIRECTIVES THROUGH BI-WEEKLY ISSUE 2006-18. ALL AIRWO            DIRECTIVES ARE IN COMPLIANCE AT THIS TIME.</p>		
		<p>DAVID R LANDRETH A&amp;P 2651512 IA</p>		
		<p>TORNADO ALLEY TURBO INC.            300 AIRPORT RD            ADA, OK 74820  <b>AIRFRAME LOG BOOK ENTRY</b>            10 NOV 2006  <b>N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 123.1</b>  <b>TCM IO-550-N SN# 689135 TSMOH: 123.1</b>            UPDATED THE EXISTING TURBONORMALIZED SYSTEM TO THE CURRENT VERSION AS OF THIS DATE. SYSTEM            UPDATES INCLUDE, REPLACING THE HEATER CONTROL BOX, REPLACING THE INTERCOOLERS, REPLACING            THE LEFT AND RIGHT FORWARD INTERCOOLER DUCTS, INSTALLING THE LATCH STYLE FUEL BOOST PUMP            SWITCH AND JUMPER WIRE, REPLACING THE ALTERNATE AIR DOOR ASSEMBLY, REPLACING THE CIRRUS            MODIFIED LEFT FORWARD BAFFLE, INSTALL LEFT REAR BAFFLE ANGLE SUPPORT, CHANGED UPPER DECK            HOSE PLUMBING TO INCLUDE THE LEFT INTERCOOLER SENSE LINE AND THE LEFT TO RIGHT INTERCOOLER            TIE IN TUBING. REPLACED REAR BAFFLE BULKHEAD FITTING, AND INCLUDED REQUIRED PLACARDS.</p>		
		<p>DAVID R LANDRETH A&amp;P 2651512 IA</p>		

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
MAKE: Cirrus MODEL: SR22-G2 GTS S/N: 22-1872 REG. NO: 105EZ WORK ORDER: 7872-11-2006		<b>Cirrus Design Factory Service Center</b> Repair Station No. YDSR855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 11/18/2006 A/C TSN: 128.2 HOBBS: 128.2	
<b>Airframe Entries</b> (2) Removed original oxygen system from bulk head 222... (3) Installed Precise Flight Inc. "Fixed" Oxygen System, (kit p/n 102N0001-1) IAW Precise Flight STC No. SA01708SE installation drawings and instructions. Ref FAA Form 337 Dated 17 NOV 2006. Pilots' Operating Handbook Supplement 102NMAN0001 has been added to Section 8 of POH. Aircraft was Weighed after Modifications were accomplished and Weight and Balance Revision has been added to Section 6 of Aircraft POH. Oxygen Bottle MFG. date 09/2006 Hydrostatic Test Required 09, 2009. (4) Completed Mag Cal IAW CDC AMM 34-15. (5) Removed the standby altimeter P/N 12731-002 S/N 443267 and installed a new standby altimeter P/N 12731-003 S/N 458860 IAW Cirrus AMM 34-10. The altimeter functional checks and calibration to 25,000 feet satisfactory. (7) Removed the XM receiver P/N 16665-002 S/N 816000415 and installed a XM receiver P/N 16665-002S S/N 816000403 IAW Cirrus AMM 34-40. Installed a -6 dbm attenuator in line with the antenna cable IAW Cirrus AMM 34-40. XM functional checks satisfactory. (8) Addressed minor spinner cosmetic discrepancies IAW CDC AMM CH 11-20 12-20, 20-30, 51-20 and standard maintenance practices. (19) Removed EDM 700 engine indicating instrument P/N EGT-701-6C from the instrument panel and the EDM 700 wire harness from behind the instrument panel IAW standard maintenance practices. (22) Performed weight and balance for oxygen and turbo normalizing installation IAW SR22 AMM 8-10 and 8-20. (23) Replaced Battery 1 Ground Cable P/N 13928-001 IAW CDC SR22 AMM 24-30. (24) Removed, modified by addition of lateral gussets to exterior and reinstalled Turbo Exhaust Manifold IAW ETI STC instructions. (25) Verified ETI Turbo attachment bolts torque to 190" Lbs. IAW ETI STC instructions. (26) Installed missing Alternator 2 Blast tubing, flange duct P/N 10350-4 IAW SR22 AMM 24-30. (27) Removed LH turbosupercharger heat shield, installed ETI P/N ETI-G2-20-17 heat shield IAW ETI STC instructions. (28) Installed prototype ice protection line from RH aft baffle to spinner baffle IAW Standard Maintenance Practices. (29) Removed and replaced brake assemblies with new P/N 061-01082. Bleed brakes and performed brake break in. All work IAW CDC AMM 32.42.				
DATE: 11/18/2006		SIGNED: <i>Tim Bonderer</i> Tim Bonderer Certified Repair Station No. YDSR855Y	Work Order: 7872-11-2006 Printed by EBIS 3 (datamedia.com)	
I find that this aircraft meets the requirements of the certificate requested and have issued an Experimental Airworthiness ticket for the purpose of <u>MARKET SURVEY</u> with operating limitation dated <u>11/17/06</u> . The next inspection is due on <u>03/31/07</u> .  JEFFREY K. HUTTER ODARF405228CE				
MAKE: Cirrus MODEL: SR22 S/N: 1872 REG. NO: N105EZ WORK ORDER: 061217		<b>Aero Structures, Inc.</b> Repair Station No. QRQR810L 4765 Frank Luke Drive Addison, Texas 75001 Phone: 972-267-2276	DATE: 12/19/2006 A/C TSN: 154.5 HOBBS: 181.7	
<b>Airframe Entries</b> Accomplished exhaust inspection IAW Cirrus Design. Performed visual and runup inspection of turbo system looking for discrepancies... Tightened loose prop de-ice line and safed as required... Serviced O2 to 1800 PSI.				
Pertinent details are on file at this repair station under Work Order No. 061217.				
DATE: 12/19/2006		SIGNED: <i>Joe Wal</i>	Work Order: 061217 Printed by EBIS 3 (datamedia.com)	


Certificate number

SYSTEM  
 DING  
 JUMP  
 US  
 CHECK  
 COOLER



# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		<p>Hobbs <i>235.4 hrs</i> Troubleshoot Heating system, <i>207.0 hrs</i>                      Installed New Control Knob on heat control. GRD RAN check out OK</p> <p style="text-align: center;"><b>MAINTENANCE RELEASE</b></p> <p>The aircraft and/or component was repaired and inspected in accordance with current F.A.R.'s and was found airworthy for return to service. Pertinent details of the repair are on file under work order:</p> <p>No. <i>6233</i>                      Date <i>2-27-07</i> Signed <i>[Signature]</i> for _____                      Authorized Signature</p> <p style="text-align: center;">F.A.A. APPROVED REPAIR STATION NO Q6UR446Y                      Monaco Air Duluth LLC,                      4535 Airport Approach Road, Duluth, MN 55811</p>		
		<p>MAKE Cirrus                      MODEL SR22-GTS                      S/N 201872                      REG NO N105EZ                      WORK ORDER 8568-03-2007</p> <p style="text-align: center;"> <b>Cirrus Design Factory Service Center</b></p> <p>Repair Station No. YD5R855Y                      4515 Taylor Circle                      Duluth, MN 55811                      Phone 218-788-3101</p> <p style="text-align: right;">DATE 3/11/2007                      A/C TSN 263                      HOBBS 263</p> <p><b>Airframe Entries</b></p> <p>(1) Removed DAI P/N 16692-002 S/N 303 Replaced DAI with new P/N 16692-002 S/N 1037 IAW CDC AMM 77130 Functional check satisfactory (3)                      Replaced push to talk switch P/N 50279-001 IAW CDC AMM 27-10 Functional check satisfactory (4) Removed and replaced pitch trim motor with new P/N 14632-901 IAW CDC AMM 27-30 Ops check good (6) Flight test performed by CDC test pilot Test flight satisfactory</p> <p>DATE: 3/11/2007                      SIGNED: <i>[Signature]</i>                      Robert Powell                      Certified Repair Station No. YD5R855Y</p> <p style="text-align: right;">Work Order: 8568-03-2007                      Printed by EBis 3 (datcomedia.com)</p>		
		<p>MAKE Cirrus                      MODEL SR22                      S/N 1872                      REG NO N105EZ                      WORK ORDER 070323</p> <p style="text-align: center;"><b>Aero Structures, Inc.</b></p> <p>Repair Station No. QRQR810L                      4765 Frank Luke Drive                      Addison, Texas 75001                      Phone 972-267-2376</p> <p style="text-align: right;">DATE 3/22/2007                      A/C TSN 2446                      HOBBS</p> <p><b>Airframe Entries</b></p> <p>Reinstalled MCU 130 after replacing Field Control Module P/N: 14605-010. Due to alternator #2 problems. Test ran. Checked OK. Resealed MCU... Installed as removed, serviceable nose landing gear fairing from SR-22, S/N: 1715, TT:48.6... Replaced O12 bottle with new DOT-SP 8162-1850, P/N: CD 102N0100-1 (SCI 1270152-3) MFG/TEST date: 01/07. Leak check system, Purge and re-service system to 1800 lbs per Precise flight STC # SA01708SE.</p> <p>Pertinent details are on file at this repair station under Work Order No. 070323</p> <p>DATE: 3/22/2007                      SIGNED: <i>[Signature]</i>                      Work Order: 070323                      Printed by EBis 3 (datcomedia.com)</p>		

# Maintenance, Repairs, and Inspection Record

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Date	Total Time	Details of Work and Comments	Signature	Certificate Number
5-22-07	335.3	<p>REMOVED (EXPERIMENTAL) TAT TURBO-NORMALIZING SYSTEM IN ORDER TO RETURN AIRCRAFT TO A STANDARD AIRWORTHINESS CONFIGURATION. ICE-INSTALLED ALL STANDARD COMPONENTS PREVIOUSLY REMOVED FOR THE CONVERSION IAW AMM. (ENTIRE EXHAUST SYSTEM AND HEAT SUPPLY DUCTING, INDUCTION ASSY W/FILTER, ALTAIR CABLE, PROP DE-ICE LINE, &amp; NOZZLE.) REPLACED UPPER &amp; LOWER (LAR) COWL ASSEMBLIES, PULLED LOWER FIREWALL STAINLESS FORWARD FOR VISUAL INSPECTION OF COMPOSITE FIREWALL. RESECURED LOWER STAINLESS BARRIER IAW AMM, INSTALLED UPDATED PROP BLADE DE-ICE FEED TUBES P/N 15407-003</p> <p>PFD WAS SERVICED BY AVIADYNE W/LATEST REV 35 UPDATE "EXPERIMENTAL" TAG REMOVED PFD S/N 21640086. PERFORMED STATIC &amp; PITOT LEAK CK' PFD NO LONGER CONSIDERED "EXPERIMENTAL"</p> <p>PERFORMED INSPECTION OF NOSE GEAR IAW AMM 32-20 <sup>INSTALLED</sup> REPLACED LOWER PUCK PIN BUSHING P/N 17481-001, BUMPER 18320-001, SERVICED BRAKE CALIPER ASSY'S W/ NEW GRINGS MS28255-222, REPLACE ALL BRAKE PADS P/N 066-06200, BLEED SYSTEM IAW AMM 32-42, INSTALLED McCawley Prop GND P/N 15524-001 SN W/ 31.8 HRS TT <del>VERIFIED</del> RIGGED IAW AMM 61-20</p> <p><i>Robert Lane CDC (EXP. ENG)</i>  <i>Robert Lane 475985758 ADP</i></p>		
6-29-07	227.1	<p>Completed yearly condition inspection IAW FAR 43 Appendix D &amp; CDC AMM 5-20. All A.Ds current through this date. I Certify that this aircraft is found airworthy at this time</p>	<p><i>Robert Lane</i></p>	<p>475985758 ADP</p>

# Maintenance, Repairs, and Inspection Record

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Date	Total Time	Details of Work and Comments	Signature	Certificate Number
8-8-07	Hobbs 338.8	Completed Annual Inspection in accordance with FAR 43 appendix D and Cirrus Design aircraft maintenance manual section 5-20. All airworthiness directives reviewed through bi-weekly 2007-14, all airworthiness directives are in compliance at this time. I certify that this aircraft has been inspected in accordance with a annual inspection and is found airworthy at this time.	Robert Payne	475985758, 114

MAKE: Cirrus  
MODEL: SR22  
S/N: 1872  
REG. NO: N105EZ  
WORK ORDER: 27290-10-2007

**Commander Aero, Inc.**  
Repair Station No. GA5R-876M  
10270 Springboro Pike  
Mansburg, Ohio 45342 USA  
Phone: 888-881-5580

DATE: 10/31/2007  
A/C TSN: 360  
HOBS: 360

### Airframe Entries

(1) Installed independent autopilot disconnect switches in LH & RH yokes. Ramp tested. Normal operation observed.... (2) Complied with SB 2X-22-06 (Autopilot Disconnect) Ramp tested system. Normal ground operation observed.... (3) Complied with SB 2X-28-05R2 (Hot Climate Start) Performed leak check.... (4) Complied with SB 2X-34-21 (Alternate Static Valve Relocation).... (5) Complied with SB 2X-34-22R1 (Static Line Sump).... (6) Complied with SB 2X-27-14R3 (Rudder- Aileron Interconnect Modification).... (7) Installed Teflon tape and rubber U-channel to underside of copilots bolster trim to retain fabric.... (8) Complied with SB 2X-25-19 (Inflatable Restraint Harness Inspection).... (9) Complied with Am-Safe Aviation Inflatable Restraint System Certification.... (10) Replaced Aux. fuel boost pump that was leaking at shaft seal.

### Maintenance Release

The aircraft and/or component(s) on N105EZ was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 27290-10-2007, Dated 11/1/2007.

DATE: 10/31/2007

SIGNED: Gary Kromer

Kromer, Gary  
Certified Repair Station No. GA5R-876M

Work Order: 27290-10-2007

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11/02/07 TOTAL FLIGHT TIME: 326.4 N105EZ SR22 S/N 1872 W.O. w19892W  
REMOVED MANIFOLD PRESSURE SENSOR P/N 011-00280-10; S/N 97114843 AND INSTALLED NEW MANIFOLD PRESSURE SENSOR P/N 12635-001. PERFORMED GROUND RUNS; OPERATIONAL AND LEAK CHECKS GOOD. REPLACED GRAPHICS ON BOTH SIDES OF NOSE WHEEL PANT, BOTH SIDES OF FUSELAGE, LEFT WING TIP, LOGO ON RIGHT SIDE OF TAIL AND CIRRUS LETTERING ON BOTH SIDES OF RUDDER TIP.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED: [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED REPAIR STATION MV5R055N**

11/02/07 TOTAL FLIGHT TIME: 326.4  
REMOVED L-3 SKYWATCH WARRANTY SOFTWARE UPGRADE 805-10800-001; S/N 83589 REF. DATED 10-26-07. PERFORMANCE GOOD.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED: [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED REPAIR STATION MV5R055N**

01/07/08 TOTAL FLIGHT TIME: 338.8  
REMOVED TEMP "N" NUMBER CERTIFICATE IN AIRCRAFT.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED: [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED REPAIR STATION MV5R055N**

01/07/08 TOTAL FLIGHT TIME: 338.8  
REMOVED AUTOPILOT BACK LIGHTING

REMOVED AUTOPILOT BACK LIGHTING. INSTALLED NEW AUTOPILOT BACK LIGHTING. RESECURED DOOR TRIM. RESECURED RIM UNDER CUP HOLDER. REMOVED SHOULDER HARNESSES FOR DIRECTOR LIGHT CONNECTOR. INSTALLED NEW PILOTS CONTROL GRIP ASSEMBLY P/N 15164-031 AND SEAL P/N 15164-031 WITH TCM MAINTENANCE MATERIALS. CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED: [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED REPAIR STATION MV5R055N**

11/02/07 TOTAL FLIGHT TIME: 326.4  
INSTALLED NEW LEFT LOW AUTOPILOT CUTOFF SWITCH 17674-005, RESOLDERED OLD UP PAINT ON A FUEL PANT. CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED: [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED REPAIR STATION MV5R055N**

stickers not P

11/02/07 TOTAL FLIGHT TIME: 326.4 N105EZ SR22 S/N 1872 W.O. A19862W  
REMOVED L-3 SKYWATCH PROCESSOR P/N 805-10800-001; S/N 83589 AND SENT IT FOR FACTORY  
WARRANTY SOFTWARE UPGRADE. INSTALLED UPGRADED ORIGINAL L-3 SKYWATCH PROCESSOR P/N  
805-10800-001; S/N 83589 REFERENCE 8130 L-3 COMMUNICATIONS CRS# NN2R037L WORK ORDER 514971  
DATED 10-26-07. PERFORMED ANTENNA CALIBRATION UPGRADE. SYSTEM OPERATIONAL CHECKS  
GOOD.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE  
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS  
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER  
THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED  
REPAIR STATION MV5R055N**

Certificate  
Number

Date

*Hobbs 391.1*

01/07/08 TOTAL FLIGHT TIME: 356.5 N792PS SR22 S/N 1872 W.O. P20045W  
REMOVED TEMP "N" NUMBERS. NEW "N" NUMBER IS N792PS. PLACED NEW AIRWORTHINESS  
CERTIFICATE IN AIRCRAFT.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE  
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS  
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER  
THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED  
REPAIR STATION MV5R055N**

*Hobbs 391.1*

01/07/08 TOTAL FLIGHT TIME: 356.5 N792PS SR22 S/N 1872 W.O. W20041W  
REMOVED AUTOPILOT BACK LIGHTING P/N 01192-34-61T-30; S/N 97114843 AND INSTALLED. REPAIRED  
AUTOPILOT BACK LIGHTING P/N01192-34-61T-30 (13560-0025); S/N 0431-7213 REFERENCE STEC CORP CRS#  
FF2R818K WORK ORDER R000055825 TRACKING NUMBER 13196. RESECURED PASSENGER BOLSTER  
TRIM. RESECURED DOOR TRIM AROUND STRUT HOLE. RESECURED PASSENGER PILOT SIDE INSERT  
USING 1300L. RESECURED REAR PASSENGER SIDE PANELS. RESECURED COPILOT FOOT WELL TRIM  
UNDER CUP HOLDER. REMOVED UPHOLSTERY AND CHECKED AND ADJUSTED PILOT AND COPILOT  
SHOULDER HARNESSSES FOR PROPER OPERATION. REINSTALLED UPHOLSTERY. REPAIRED FLIGHT  
DIRECTOR LIGHT CONNECTOR. REPAIRED BACK UP ATTITUDE INDICATOR LIGHT CONNECTOR.  
INSTALLED NEW PILOTS CONTROL GRIP ASSEMBLY P/N 17672-425. INSTALLED NEW COPILOTS  
CONTROL GRIP ASSEMBLY P/N 17672-426. INSTALLED NEW HARDWARE: NUT P/N 15164-011, OLIVE P/N  
15164-031 AND SEAL P/N 15164-091 ON PROPELLER TKS LINE. ADJUSTED OIL PRESSURE IN ACCORDANCE  
WITH TCM MAINTENANCE MANUAL. COMPLIED WITH GROUND RUN AND LEAK CHECKS; ALL CHECKS  
SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE  
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS  
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER  
THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED  
REPAIR STATION MV5R055N**

11/02/07 TOTAL FLIGHT TIME: 326.4 N105EZ SR22 S/N 1872 W.O. P19815W  
INSTALLED NEW LEFT LOWER WHEEL FAIRING BRACKET P/N 17205-001. INSTALLED NEW LEFT  
AUTOPILOT CUTOUT SWITCH P/N 15761-001 AND NEW LEFT AUTOPILOT CUTOUT SWITCH PLATE P/N  
17674-005, RESOLDERED OLD TRIM SWITCH. INSTALLED NEW CHAFE TAPE ON LEFT FLAP. TOUCHED  
UP PAINT ON A FUEL PANEL ON THE LEFT WING. COMPLIED WITH OPERATIONAL CHECKS; ALL  
CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE  
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS  
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER  
THE ABOVE REFERENCED WORK ORDER.

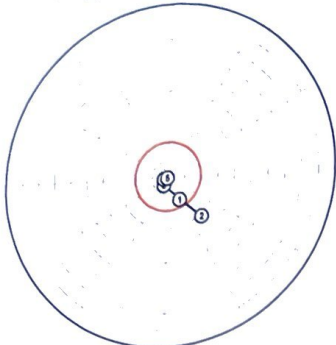
SIGNED [Signature] FOR

**EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED  
REPAIR STATION MV5R055N**

*stickers not put in back of book of [unclear] by [unclear]*

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		<p align="center"><b>ENGINE/PROP DYNAMICALLY BALANCED</b></p> <p align="center">---- POLAR PLOT - 1.0 IN/S FS ----</p>  <p align="center"><b>Operator Comments</b></p> <p>Dressed propeller blade leading edges. Checked mag to engine timing, found left mag @ 22.8 degrees advanced and right mag @ 22.7 degrees advanced. Cleaned #4 lower spark plug of lead debris. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .154 @ 2554 reduced to .007 IPS @ 2544 by removal of existing weights and installation of AN hardware balance weights on spinner rear bulkhead. 12.71 grams @ 75 degrees and 23.47 grams @ 315 degrees.</p> <p>Jim Barker A&amp;P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com</p> <p>N792PS Cirrus SR 22 GTS 1872 363.2 Hrs <i>Hobbs 397.7</i>                      Cont IO 550 N 42 689135                      HP 2550 rpm                      MicroVib II SN:1177 Cal:08/01/2007                      Initial: 0.154 IN/S @ 2554.1 RPM Final: 0.007 IN/S @ 2544.4 RPM</p> <p>Oper: <i>[Signature]</i>                      Date: 01/09/2008 <span style="float: right;">Jim Barker A&amp;P 2755069</span></p>		

SATSair Maintenance Center 100 TOWER DRIVE #4 GREENVILLE, SC 29607 *401.7* *401.7*  
 LOG ID# 4586 21-January-2008 WO# 3207 REF# 3207 LOG STICKER AC TT ~~332.0~~ HOBBS ~~392.0~~  
 N792PS S/N 1872 CIRRUS SR22 Pg 1 / 1

AIRFRAME  
 \*SECURED AUTOPILOT IN AVIONICS RACK, GROUND CHECK: GOOD IAW CIRRUS SR22 MM 22-11.  
 \*FOUND SHORTING PLUG IN REAR HEADSET JACK. REMOVED AND GROUND CHECKED: GOOD IAW CIRRUS SR22 MM 34-00.

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

*[Signature]* *1-7-08*  
 DOUGLAS DUNCAN IA/A&P# 237089496 DATE

SATSair MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607 *408.7*  
 LOG ID# 4645 08-February-2008 WO# 3263 REF# 3263 LOG STICKER AC TT ~~375.6~~ HOBBS ~~375.6~~  
 N792PS S/N 1872 CIRRUS SR22 *408.7* Pg 1 / 1

AIRFRAME  
 \*CALIBRATED AUTOPILOT IN NAV MODE DURING FLIGHT. OPS/FLIGHT CHECK: GOOD. ALL IAW CIRRUS SR22 MM 22-11.  
 \*REMOVED MFD FLASH CARD AND INSTALLED LOANER CARD, P/N 053-00180-102. OPS CHECK: GOOD. ALL IAW CIRRUS SR22 MM 31-60.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #3263.

*[Signature]* *2-8-08*  
 DOUGLAS DUNCAN IA/A&P# 237089496 DATE

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		<p>SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607 414.7 414.7                      LOG ID# 4646 14-February-2008 WO# 3280 REF# 3280 LOG STICKER AC TT <del>404.3</del> HOBBS <del>404.3</del>                      N792PS S/N 1872 CIRRUS SR22 Pg 1 / 1</p>		
<p>AIRFRAME                      *REMOVED MFD LOANER FLASH CARD AND INSTALLED REPROGRAMMED FLASHCARD, P/N 530-00180-000. CONFIGURED MFD FOR AVIONICS INSTALLED. REFRESHED XM SIGNAL. GROUND CHECK: GOOD. ALL IAW CIRRUS SR22 MM 31-60.</p> <p>THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #3280.</p> <p><i>Doyle Duncan</i> 2-14-08                      DOUGLAS DUNCAN IA/A&amp;P# 237089496 DATE</p>				
		<p>SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607                      LOG ID# 4819 07-March-2008 WO# 3357 REF# 3357 LOG STICKER AC TT 430.9 HOBBS 430.9                      N792PS S/N 1872 CIRRUS SR22 Pg 1 / 2                      FHM 396.0</p>		
<p>AIRFRAME                      *INSTALLED REIFF PREHEAT SYSTEM, P/N TXPL6, AND EXTENSIONS, P/N EXT6, IAW REIFF PREHEAT SYSTEMS. OPS CHECK: GOOD.                      *REMOVED MALFUNCTIONING AUTOPILOT, P/N 13560-002, S/N 0431-7213, AND INSTALLED REPAIRED UNIT, P/N 13560-002S, S/N 0647-10796. CENTERED AUTOPILOT ON GROUND. ALL IAW CIRRUS SR22 MM 22-11. OPS CHECK: GOOD.                      *REPLACED MISSING EXTERIOR DECALS, P/N 12343-433-FUSE-LH, 12343-433-FUSE-RH, 12343-433-LOGO-RH, IAW CIRRUS SR22 MM 51-30. WORK PERFORMED BY DAVID BOLING.                      *C/W SB 2X-52-07R4, CABIN DOOR ROD END REPLACEMENT. INSTALLED KIT, P/N 70186-005. OPS CHECK: GOOD. NO FURTHER ACTION REQUIRED.                      *REMOVED TAWS DATABASE CARD, P/N 071-00167-0101, VERSION 441N AND INSTALLED NEW CARD VERSION 446N. GROUND CHECK: GOOD. ALL IAW CIRRUS SR22 MM 34-40.                      *RETERMINATED TWO BACKSHELL CONNECTOR PIN WIRES, AND REINSTALLED PINS AND BACKSHELL CONNECTOR. OPS CHECK: GOOD. ALL IAW CIRRUS SR22 MM 34-40.                      *REMOVED AND REPLACED PILOT'S FLOOR CARPET, P/N 50453-003U, IAW CIRRUS SR22 MM 25-00.                      *TOUCHED UP MISCELLANEOUS PAINT NICKS ON LH WING AND RH FUSELAGE IAW CIRRUS SR22 MM 51-30.                      *CHECKED AND SERVICED TIRE PRESSURES AS REQUIRED IAW CIRRUS SR22 MM 12-10.                      *CHECKED XM ANTENNA AND RECEIVER COAX CONNECTIONS. REFRESHED XM SIGNALS. GROUND CHECK: GOOD. ALL IAW CIRRUS SR22 MM 34-00.                      *ADJUSTED MAGNETOMETER IN RH WING. PERFORMED MAGNETOMETER CALIBRATION. ALL IAW CIRRUS SR22 MM 34-20. NEXT MAGNETOMETER CALIBRATION DUE 3/31/2010.                      * REMOVED AND REPLACED FWD AND AFT LOWER SEALS ON ENGINE COWLING IAW CIRRUS SR22 MM 71-10</p> <p>THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #3357.</p> <p><i>Doyle Duncan</i> 3-7-08                      DOUGLAS DUNCAN IA/A&amp;P# 237089496 DATE</p>				
		<p>SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607                      LOG ID# 4944 03-April-2008 WO# 3464 REF# 3464 LOG STICKER AC TT 411.0 HOBBS 445.8                      N792PS S/N 1872 CIRRUS SR22 Pg 1 / 1                      FHM 411.0</p>		
<p>AIRFRAME                      *REMOVED AND REPLACED MAP SENSOR, P/N 12635-001, IAW CIRRUS SR22 MM 77-10. OPS CHECK: GOOD.</p> <p>THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #3464.</p> <p><i>Joe MacDougal</i> 4-3-08                      JOE MACDOUGAL A&amp;P# 086566915 DATE</p>				

# Maintenance, Repairs, and Inspection Record

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 5136 08-May-2008 WO# 3603 REF# 3603 AC TT 470.0 HOBBS 470.0  
 N792PS S/N 1872 CIRRUS SR22

Pg 1 / 1

Date

AIRFRAME  
 \*ADJUSTED FHM DIFFERENTIAL PRESSURE SWITCH. OPS CHECK: GOOD.  
 \*REPAIRED SPINNER ANTI-ICE TUBE. SECURED AND SAFETIED NUT IAW CIRRUS SR22 MM 30-10.  
 \*ADJUSTED RAI SHOCK CORD IAW CIRRUS SR22 MM 27-30. OPS CHECK: GOOD.

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

*DKB* 2640973 5/8/08  
 DOUG K BOWLING A&P# 2640973 DATE

cate  
ber

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 5667 18-July-2008 WO# 3864 REF# 3864 AC TT 480.3 HOBBS 523.1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 480.3

Pg 1 / 1

AIRFRAME  
 \*REMOVED AND REPLACED OIL PRESSURE SENSOR, P/N 12635-002, IAW CIRRUS SR22 MM 79-30. OPS/LEAK CHECK: GOOD.

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

*Joe MacDougal* 7-18-08  
 JOE MACDOUGAL A&P# 086566915 DATE

MAKE Cirrus  
 MODEL Sr22  
 S/N 1872  
 REG NO N792PS  
 WORK ORDER  
 3708-07-2008



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y  
 2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

DATE: 8/26/2008  
 A/C TSN 540.2  
 HOBBS 494.4  
 FHM 494.4

### Airframe Entries

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition ... AD and SB Research Completed. ... C/W ELT inspection per FAR 91.207d. All checks within limits.... Complied with AD 2006-21-03 Aircraft Brakes replacing brake caliper o-rings PN 101-34500 IAW Cirrus SR22 MM Chapter 32-42.... Installed Air Wolf air/oil separator IAW STC SA02268CH.... Complied with SA 08-05 by installing switch guard p/n 100N2125-1 per SA 08-05.... Removed tail ballast weight using Cirrus Field repair deviation as a guide. Weight and balance was returned to original factory weight.... Complied with the composite requirements of SB 2X-34-24 WAAS Antenna Installation on PFD Equipped Aircraft.... Replaced leaking o-ring on parking brake valve per Cirrus mm chapter 32-42 page 23.... Replaced lt main tire with new item; pt # 15X600-6-6 FLCIII, ser # 80750228. Replaced tube with new Michelin pt# 15X6 0-6. Serviced to appropriate pressure IAW CMM, chptr 12.... Replaced rt main tire with new item; pt # 15X600-6-6 FLCIII, ser # 80780472. Replaced tube with new Michelin pt# 15X6 0-6. Serviced to appropriate pressure IAW CMM, chptr 12.... Replaced right wing upper gear strut fairing areo tech film.... Secured edge trim on pilots door.... Adjusted pilots door latches per Cirrus MM 52-10 page 28.... Replaced lt horizontal stabilizer fairing at fuselage junction with new item pt # 15308-001. Rig and ops ck good.... Installed Cr3243-4-2 rivets with 1425-b1/2 sealant per Cirrus MM 20-70 page 9.... Installed CR3242-4-2 rivets with 1425-b1/2 sealant per Cirrus MM 20-70 page 9.... Complied with Continue Airworthiness Inspection of Perse flight O2 system.... Replaced both #2 batteries per Cirrus MM 24-30 page 68.... Remove old GTS decal and clean adhesive from the RH side of the vertical stabilizer. Installed new RH vertical stabilizer GTS decal.... Cleaned old adhesive from RH door. Installed new RH door lower decal.... Cleaned, treated, and repainted elt tray. Replaced ELT batteries. New expiration date 03-31-2013.... Replaced "NO STEP" placard per Cirrus MM 11-20 page 2.... Reinstalled XM Weather Receiver p/n 16665-002 s/n 816000403 ID # weather EYTKDOR9, radio 8MYMDOWH after unit was overhauled, per 8130-3 from Heads Up Tech WO # 5731 RMA 10761-001, certificate # HU9R459J dated Aug 14 2008, per Cirrus MM 34-50 page 56.... Replaced copilots overhead light assembly per Cirrus MM 33-20 page 3.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/26/2008

SIGNED

*Jim Jakus*  
 Jim Jakus  
 Certified Repair Station No. L9OR473Y

Work Order: 3708-07-2008

Printed by EBIS 3 (datcomedia.com)

1 Verified that the previous installation of the two GNS 430's was IAW Garmin instructions as installed and approved by Cirrus Design. Verified that this aircraft is covered under the STC SA01933LA AML.

Removed Existing CI 420-1 XM WX Antenna S/N 130003 from top centerline at Station 140.

Removed the existing # 1 GA 56 GPS antenna P/N 011-00134-00 S/N 59416667 from under the glare shield at station 111. Installed a new Comant GPSW/XM WX antenna P/N CI-428-410, S/N 230082 in accordance with Cirrus Design Service bulletin SB 2X-34-24 and sealed with RTV 732. Installed new coax, RG 400 to the new antenna location at top centerline station 140.

The # 1 GNS 430 P/N 011-00280-10, S/N 97132335 was removed and upgraded to GNS 430W on Repair Order # R00866. The upgraded GNS 430W P/N 011-01060-40 S/N 97132335 was reinstalled. The GNS 430W was configured as it was before removal. The installation was done IAW Garmin upgrade installation manual # 190-00357-06 Revision B and STC # SA1933LA.

Removed the existing # 2 GA 56 GPS antenna P/N 011-00134-00 S/N 59416678 from under the glare shield at station 111. Installed a new GA 35 GPSW antenna P/N 013-00235-00, S/N 45097 in accordance with Cirrus Design Service bulletin SB 2X-34-24 and sealed with

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W02782

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L. Browberger

9-5-08

2

RTV 732. Installed new coax, RG 400 to the new antenna location at station 200.74.

The # 2 GNS 430 P/N 011-00280-10, S/N 97132206 was removed and upgraded to GNS 430W on Repair Order # R00866. The upgraded GNS 430W P/N 011-01060-40 S/N 97132206 was reinstalled. The GNS 430W was configured as it was before removal. The installation was done IAW Garmin upgrade installation manual # 190-00357-06 Revision B and STC # SA1933LA.

Removed Avidyne PFD P/N 700-00006-000, S/N 21640086 and sent out for repair and Release 7 upgrade on Repair Order # R00867. Reinstalled upgraded Avidyne PFD in accordance with Avidyne Service Bulletin No. 601-00006-081 Rev 01. Reprogrammed and performed a Mag Cal. Found unit to have not been repaired. Removed S/N 21640086 and installed S/N 20233175. Reprogrammed and performed Mag Cal. System ground checks good.

Checked for compliance with AD 2008-06-28 R1 and Avidyne PFD P/N 700-00006-000 S/N 21640086 is not listed in the AD, therefore the AD 2008-06-28 R1 does not apply to this unit.

Checked Avidyne EXP5000 PFD S/N 21640086 installed in this aircraft for compliance with

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W02782

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L. Browberger

9-5-08

3

Mandatory Avidyne Service Bulletin No. 601-00006-096 Revision 00 and found this S/N not listed in Section 1.4 of the Service Bulletin, therefore no further action is required.

Installed Release 7 Software upgrade to Software P/N 530-00195-100 Rev 02 in MFD P/N 700-00004-008 S/N 22840126 in accordance with Avidyne Service Bulletin No. 601-00004-077 Rev 02.

The GNS 430 AFMS was removed and replaced with FAA Approved GNS 430W AFMS P/N 190-00356-63 Rev B dated 12/21/06.

GNS 430W Instructions for Continued Airworthiness Garmin document # 190-00356-66 Rev A was provided and supercedes the previous GNS 430 ICAW.

The Equipment List was revised. Aircraft Weight and Balance change was negligible.

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W02782

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L. Browberger

9-5-08

Record

used cells.)

Date	Description	Signature	Date	Certificate Number
	1 Verified that the previous installation of the two GNS 430's was IAW Garmin instructions as installed and approved by Cirrus Design. Verified that this aircraft is covered under the STC SA01933LA AML.			
	Removed Existing CI 420-1 XM WX Antenna S/N 130003 from top centerline at Station 140.			
	Removed the existing # 1 GA 56 GPS antenna P/N 011-00134-00 S/N 59416667 from under the glare shield at station 111. Installed a new Comant GPSW/XM WX antenna P/N CI-428-410, S/N 230082 in accordance with Cirrus Design Service bulletin SB 2X-34-24 and sealed with RTV 732. Installed new coax, RG 400 to the new antenna location at top centerline station 140.			
	The # 1 GNS 430 P/N 011-00280-10, S/N 97132335 was removed and upgraded to GNS 430W on Repair Order # R00866. The upgraded GNS 430W P/N 011-01060-40 S/N 97132335 was reinstalled. The GNS 430W was configured as it was before removal. The installation was done IAW Garmin upgrade installation manual # 190-00357-06 Revision B and STC # SA1933LA.			
	Removed the existing # 2 GA 56 GPS antenna P/N 011-00134-00 S/N 59416678 from under the glare shield at station 111. Installed a new GA 35 GPSW antenna P/N 013-00235-00, S/N 45097 in accordance with Cirrus Design Service bulletin SB 2X-34-24 and sealed with			
	This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. <u>W02782</u>			
	Signature	Date		
	<u>L. Browberger</u>	<u>9-5-08</u>		
	2 RTV 732. Installed new coax, RG 400 to the new antenna location at station 200.74.			
	The # 2 GNS 430 P/N 011-00280-10, S/N 97132206 was removed and upgraded to GNS 430W on Repair Order # R00866. The upgraded GNS 430W P/N 011-01060-40 S/N 97132206 was reinstalled. The GNS 430W was configured as it was before removal. The installation was done IAW Garmin upgrade installation manual # 190-00357-06 Revision B and STC # SA1933LA.			
	Removed Avidyne PFD P/N 700-00006-000, S/N 21640086 and sent out for repair and Release 7 upgrade on Repair Order # R00867. Reinstalled upgraded Avidyne PFD in accordance with Avidyne Service Bulletin No. 601-00006-081 Rev 01. Reprogrammed and performed a Mag Cal. Found unit to have not been repaired. Removed S/N 21640086 and installed S/N 20233175. Reprogrammed and performed Mag Cal. System ground checks good.			
	Checked for compliance with AD 2008-06-28 R1 and Avidyne PFD P/N 700-00006-000 S/N 21640086 is not listed in the AD, therefore the AD 2008-06-28 R1 does not apply to this unit.			
	Checked Avidyne EXP5000 PFD S/N 21640086 installed in this aircraft for compliance with			
	This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. <u>W02782</u>			
	Signature	Date		
	<u>L. Browberger</u>	<u>9-5-08</u>		
	3 Mandatory Avidyne Service Bulletin No. 601-00006-096 Revision 00 and found this S/N not listed in Section 1.4 of the Service Bulletin, therefore no further action is required.			
	Installed Release 7 Software upgrade to Software P/N 530-00195-100 Rev 02 in MFD P/N 700-00004-008 S/N 22840126 in accordance with Avidyne Service Bulletin No. 601-00004-077 Rev 02.			
	The GNS 430 AFMS was removed and replaced with FAA Approved GNS 430W AFMS P/N 190-00356-63 Rev B dated 12/21/06.			
	GNS 430W Instructions for Continued Airworthiness Garmin document # 190-00356-66 Rev A was provided and supercedes the previous GNS 430 ICAW.			
	The Equipment List was revised. Aircraft Weight and Balance change was negligible.			
	This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. <u>W02782</u>			
	Signature	Date		
	<u>L. Browberger</u>	<u>9-5-08</u>		

Continental / notebook



# Maintenance, Repairs, and Inspection Record

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 6070 07-October-2008 WO# 4041 REF# 4041 AC TT 520.7 HOBBS 573.1  
 N792PS S/N 1872 CIRRUS SR22

Pg 1 / 1

ificate  
mber

AIRFRAME  
 \*REMOVED AND REPLACED ELECTRIC FUEL BOOST PUMP, P/N 11839-001, IAW CIRRUS SR22 MM 28-20. OPS CHECK: GOOD.  
 \*INSTALLED EMI GROUND PLATE, P/N 19325-001, IAW CIRRUS SR22 MM 34-50.  
 \*REMOVED DAU, P/N 200-00073-000, S/N 1037, AND INSTALLED REBUILT DAU, S/N 0558, IAW CIRRUS SR22 MM 77-40. OPS CHECK: GOOD.  
 \*INSTALLED SEALED ELECTRICAL CONNECTOR ON MAP/% POWER WIRING CONNECTOR AT RH REAR BAFFLE IAW CIRRUS SB 2X-71-11R1. OPS CHECK: GOOD.  
 \*REMOVED XM RECEIVER, P/N 16665-004, S/N 816000403, AND INSTALLED MODIFIED RECEIVER, P/N XMD076A-01, S/N 816001543, IAW CIRRUS SR22 MM 34-50. OPS CHECK: GOOD.

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

*DKB* 2640973 10/1/2008  
 DOUG K BOWLING A&P# 2640973 DATE

10/16/08 578.9 Replaced ~~stb~~ landing light with Paul Pitt #42176.5225  
 Lo Prest. Boom Bean X2

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 6406 26-November-2008 WO# 4259 REF# 4259 AC TT 599.7 HOBBS 599.7  
 N792PS S/N 1872 CIRRUS SR22  
 TSN 599.7 TSO 599.7

Pg 1 / 1

ENGINE  
 \*TIGHTENED OIL PRESSURE RELIEF VALVE IAW TCM MANUAL X30634A. LEAK CHECK: GOOD.

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

*DKB* 2640973 11/26/08  
 DOUG K BOWLING A&P# 2640973 DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 6657 23-January-2009 WO# 4398 REF# 4398 AC TT 558.7 HOBBS 620.2  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 558.7

Pg 1 / 1

AIRFRAME  
 \*REMOVED S-TEC AUTOPILOT 55X, P/N 13560-002, S/N 0647-10796, AND INSTALLED SERVICEABLE LOANER AUTOPILOT, P/N 13560-002, S/N 0605-9354, IAW CIRRUS SR22 MM 22-11. GROUND CHECK: GOOD.  
 \*REMOVED AND REPLACED ENGINE LH OIL DRAINBACK LINE, P/N 13914-002, IAW CIRRUS SR22 MM 73-10. LEAK CHECK: GOOD.

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

*Tim Masters* 1/23/09  
 TIM E. MASTERS IA/A&P# 2802663 DATE

# Maintenance, Repairs, and Inspection Record

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 6766 24-February-2009 WO# 4399 REF# 4399 AC TT 587.8 HOBBS 650.2  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 587.8

Pg 1 / 1

ertificate  
 umber

AIRFRAME  
 \*REMOVED LOANER S-TEC AUTOPILOT, P/N 13560-002, S/N 0605-9354, AND INSTALLED AND ALIGNED REPAIRED AUTOPILOT, S/N 0647-10796, IAW CIRRUS SR22 MM 22-11. OPS CHECK: GOOD.

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

RKL 2/24/09  
 DOUG K BOWLING IA/A&P# 2640973 DATE

Georgia Avionics Inc. 841B Ronald Wood Road Winder, GA 30680 GX4R222M  
 LOG ID# 735 06-March-2009 WO# 21272/1 REF# 21272  
 N792PS S/N 1872 CIRRUS SR22

Pg 1 /

UPGRADED #1 GNS430W SOFTWARE VERSION TO 3.20 AND GPS/WAAS SOFTWARE VERSION 3.2 PER SERVICE BULLETIN 848 REV A.  
 UPGRADED #2 GNS430W SOFTWARE VERSION TO 3.20 AND GPS/WAAS SOFTWARE VERSION 3.2 PER SERVICE BULLETIN 848 REV A.

HCD  
 GX4R222M H. C. SWINDELL JR.

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 6950 30-March-2009 WO# 4559 REF# 4559 QF-14 AC TT 600.4 HOBBS 662.8  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 600.4

Pg 1 / 1

AIRFRAME  
 \*REMOVED S-TEC 55X AUTOPILOT, P/N 13560-002S, S/N 0647-10796, AND INSTALLED REPAIRED AUTOPILOT, P/N 13560-004S, S/N 6243, IAW CIRRUS SR22 MM 22-11. GROUND CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

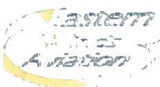
RKL 3/30/09  
 DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

3/1/09	679.2	Hobbs		
	Removed battery, installed new Hill G-243 battery			
	S/N G02443899, operational check satisfactory			
	Stauri Platt, Cert # 2769141			

Erma | onhok

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		 <p>Eastern Winds Aviation 850 Airport Rd Lawrenceville, GA 30045</p> <p><b>N 792PS Aircraft S/N 1872 HOBBS 679.9 HRS</b></p> <p>REMOVED HEADS UP TECHNOLOGIES XM RECEIVER FOR REPAIRS. REINSTALLED AND TESTED IAW XMD076A INSTALLATION MANUAL. NO PROBLEMS FOUND. P/N: XMD076A-01; S/N: 816001543</p> <p>I certify that this aircraft has been inspected and was determined to be in an airworthy condition and is approved for return to service. Ref. Eastern Winds Aviation W/O No. <b>2026</b> For details.</p> <p>Signature: <u>Arthur T. Moore</u> Date: <b>5/5/2009</b> Arthur T. Moore FAA CRS# E2IR691Y</p>		
		<p><b>SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607</b> LOG ID# 7634 04-September-2009 WO# 4867 REF# 4867 QF-14 AC TT 655.9 HOBBS 718.9 N792PS S/N 1872 CIRRUS SR22 FHM 655.9</p> <p style="text-align: right;">Pg 1 / 2</p>		
		<p>AIRFRAME *COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 9/4/09. NEXT ANNUAL INSPECTION DUE 9/30/2010. *REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B. OPS/LEAK CHECK GOOD, ALL IAW CIRRUS SR22 MM 28-20. REMOVED AND REPLACED LH AND RH BRAKE CYLINDER O-RINGS, P/N M83461-1-222, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWB MM 0001-7. OPS/LEAK CHECK: GOOD. *INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). <del>NEXT INSPECTION DUE 9/30/2010.</del> *INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE 9/30/2010. *REMOVED AND REPLACED INDUCTION AIR FILTER, P/N BA-24, IAW CIRRUS SR22 MM 71-60. NEXT CHANGE DUE 855.9 FHM OR 9/30/2010. *CORRECTED BY COMPLETION OF AVIDYNE R9 INSTALLATION. REFERENCE W4861 FOR CORRECTIVE ACTION. *REMOVED AND REPLACED RH MLG WHEEL FAIRING LOWER BRACKET, P/N 17205-002, IAW CIRRUS SR22 MM 32-10. <del>*C/W SB 2x-32-19, NLG INSPECTION. NO CRACKS NOTED. DUE AGAIN AT 755.9 FHM.</del> *REMOVED RH WING TIP FOR PAINTING AND REINSTALLED RH WING TIP AND RECONNECTED ALL LIGHTING IAW CIRRUS SR22 MM 3-40 AND 57-20. OPS CHECK: GOOD. *REMOVED AND REPLACED PROPELLER GOVERNOR LINKAGE ROD END, P/N 11314-003, IAW CIRRUS SR22 MM 61-20. OPS CHECK: GOOD. *REMOVED AND REPLACED LH MLG WHEEL FAIRING UPPER BRACKET, P/N 13522-001, IAW CIRRUS SR22 MM 32-10.</p>		
		<p><b>SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607</b> LOG ID# 7634 04-September-2009 WO# 4867 REF# 4867 QF-14 AC TT 655.9 HOBBS 718.9 N792PS S/N 1872 CIRRUS SR22 FHM 655.9</p> <p style="text-align: right;">Pg 2 / 2</p>		
		<p>*REMOVED AND REPLACED WORN INDUCTION DUCT FLAPPER VALVE BOLT, P/N AN3-34, IAW CIRRUS SR22 MM 71-60. OPS CHECK: GOOD. *REMOVED AND REPLACED RH BRAKE LININGS, P/N APS66-06200, IAW CIRRUS SR22 MM 32-42 AND CLEVELAND AWB MM 0001-7.</p> <p>THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.</p>		

DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

9/4/2009

# Maintenance, Repairs, and Inspection Record

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 7713 03-September-2009 WO# 4861 REF# 4861 QF-14 AC TT 655.9 HOBBS 655.9  
 N792PS S/N 1872 CIRRUS SR22 Pg 1 / 1

**AIRFRAME**

\*REMOVED #1 GARMIN GNS 430W, P/N 011-01060-40, S/N 97132335, #2 GARMIN GNS 430W, P/N 011-01060-40, S/N 97132206, GARMIN GTX 327 TRANSPONDER, P/N 011-00490-00, S/N 83723066, GARMIN GMA 340 AUDIO PANEL, P/N 011-00401-00, S/N 96276839, AVIDYNE PFD, P/N 700-00006-000, S/N 20233175, AVIDYNE MFD, P/N 700-00004-008, S/N 22840126, AND XM RECEIVER, P/N XM706A, S/N 816001543, FOR AVIDYNE REVISION 9 INSTALLATION. INSTALLED BECKER AVIONICS MODE C TRANSPONDER, P/N 0548-847-915, S/N 00236, SANDIA AUTOPILOT SWITCH, P/N AIS240-35, S/N 12269, PS ENGINEERING AUDIO PANEL, P/N 050-890-0403, S/N B10139-MP3, AND AVIDYNE REVISION 9 KIT INCLUDING, #1 IFD5000I P/N 700-00083-00, S/N M092760209, #2 IFD5000I, P/N 700-00083-00, S/N M092760183, ACD215, P/N 700-00150-002, S/N M092760977, ACM100, P/N 700-00156-00, S/N M092658856, MAG300, P/N 700-00011-000, S/N 99170248, MLB700 RECEIVER, P/N 700-00159-001, S/N M092861350, AND MLB700 ANTENNA, P/N 200-00176-000, S/N 814-0569, WITH NEW INSTRUMENT PANEL, P/N 120-00836-000, WIRE HARNESSSES, P/N 100-00394-111 & 100-00405-000, EVS HARNESS, P/N 100-00434-000, AND NEW HARDWARE AS REQUIRED, PER STC # SA00282B0 AND ALL APPLICABLE DRAWINGS. GROUND CHECK: GOOD. IFD ALTIMETER CERTIFICATIONS COMPLETED BY AVIDYNE. SYSTEM CHECKS COMPLETED BY PF FLYERS AND STEVENS AVIATION. FLIGHT TEST: GOOD. ~~NEXT ALTIMETER CERT DUE 7/31/2011.~~  
~~\*WEIGHED AIRCRAFT IAW CIRRUS SR22 MM 8-20. UPDATED AIRCRAFT W&B RECORD.~~

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*BK* 9/3/2009  
 DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 7795 22-October-2009 WO# 4981 REF# 4981 QF-14 AC TT 681.1 HOBBS 750.6  
 N792PS S/N 1872 CIRRUS SR22 Pg 1 / 1  
 FHM 681.1

**AIRFRAME**

\*REMOVED RH IFD, P/N 700-00083-000, S/N M092760209, FOR REPAIR BY AVIDYNE AND REINSTALLED SAME REPAIRED IFD, S/N M092760209, IAW AVIDYNE MM 600-00234-004, CH 6.2. LEAK CHECK: GOOD. OPS CHECK: GOOD IAW CIRRUS SR22 MM 34-10.  
 \*REMOVED S-TEC AUTOPILOT, P/N 01192-34-61T-30, S/N 6243, FOR REPAIR BY S-TEC/COBHAM, AND REINSTALLED SAME REPAIRED AUTOPILOT, S/N 6243, IAW CIRRUS SR22 MM 22-11. OPS CHECK: GOOD IAW CIRRUS SR22 MM 22-11.  
 \*RELOADED CONFIGURATION FILES FOR LH AND RH IFD'S IAW AVIDYNE IFD SYSTEM PRODUCT MM 600-00234-004, CH 7.4. TRANSPONDER OPERATIONAL AND CORRELATION CHECKOUT COMPLETED BY PF FLYERS, CRS # Y3FR325Y, W/O # 0289.  
 \*REMOVED AND REPLACED LH AND RH CABIN ENTRY STEP ANTI-SKID PADS, P/N 12683-006, IAW CIRRUS SR22 MM 53-20.  
 \*MODIFIED ENVIRONMENTAL CONTROL BRACE IAW AVIDYNE DRAWING 600-00250-002 REV 1.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*BK* 10/22/09  
 DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE



N 792PS Aircraft S/N 1872 HOBBS 756.9 HRS

Removed PS Engineering PM8000B audio panel and replaced with new unit. IAW install manual 200-890-0600  
 P/N: 050-890-0403; S/N: B10191-MP3.

I certify that this aircraft has been inspected and was determined to be in an airworthy condition and is approved for return to service. Ref. Eastern Winds Aviation W/O No. 2246 For details.

Signature: Arthur T. Moore Date: 11/2/2009  
 Arthur T. Moore FAA CRS# E21R691Y

Engine Logbook

Certificate Number

# Maintenance, Repairs, and Inspection Record



Eastern Winds Aviation  
850 Airport Rd  
Lawrenceville, GA 30045

N 792PS Aircraft S/N 1872 HOBBS 771.1 HRS

ate  
er

INSTALLED AMERI-KING AK950-FTR1 RF DC FILTERS ON FWD MCU BOX AND WIRED TO PRIMARY AND SECONDARY ALTERNATORS IN ACCORDANCE WITH AMERI-KING DOCUMENT IM-950 REV D.

Signature: Arthur T. Moore Date: 11/12/2009  
Arthur T. Moore A/P 3443092 I.A.

**SOUTHEAST AERO SERVICES, INC.**  
385 Hawkeye View Lane  
St. Augustine, Florida 32095  
FAA Cert. Repair Station UV4R584M

Cirrus SR-22 s/n: 1872 N792PS 18NOV2009 w/o# 14117  
Removed #1 IFD P# 700-00083-00 S# M092760183. Installed  
Replacement #1 IFD P# 700-00083-00 S# M092557705. Performed  
Software setup and IRU and Magnetometer Calibrations.  
Test results were satisfactory with reference to  
FAR Part 43 appendix E.

Windell Brian Tyler

**SOUTHEAST AERO SERVICES, INC.**  
385 Hawkeye View Lane  
St. Augustine, Florida 32095  
FAA Cert. Repair Station UV4R584M

Cirrus SR-22 s/n: 1872 N792PS 18NOV2009 w/o# 14118  
Removed STEC 55X Autopilot Computer P# 01192-34-61T-30  
S# 6243. Installed STEC 55X Autopilot Computer  
P# 01192-34-61T-30 S# 01192-0920-14091. Performed  
InFlight AutoPilot Calibration.

Windell Brian Tyler

**SOUTHEAST AERO SERVICES, INC.**  
385 Hawkeye View Lane  
St. Augustine, Florida 32095  
FAA Cert. Repair Station UV4R584M

Cirrus SR-22 s/n: 1872 N792PS 19NOV2009 w/o# 14117  
#1 Magnetometer Plug not fully seated. Properly connected  
#1 Magnetometer Plug and safety wired. Performed Magnetometer  
Calibration. In Flight check Satisfactory.

Windell Brian Tyler

# Maintenance, Repairs, and Inspection Record

DOUGLAS DUNCAN AVIATION 100 TOWER DR, HANGAR 6 GREENVILLE, SC 29607  
 LOG ID# 7847 01-December-2009 QF-14 AC TT 739.1 HOBBS 812.6  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 739.1

Pg 1 / 1

Certificate  
 Number

**AIRFRAME**

\*REMOVED AND REPLACED #3 EGT SENSOR, P/N 16579-002, IAW CIRRUS SR22 MM 77-20. OPS CHECK: GOOD.  
 \*ADJUSTED NLG SPINDLE NUT TORQUE IAW CIRRUS SR22 MM 32-20. PULL TEST: GOOD.  
 \*REMOVED, CLEANED, INSPECTED, AND REINSTALLED DAU CONNECTORS IAW CIRRUS SR22 MM 77-40 AND INDUSTRY  
 STANDARDS. OPS CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
 WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH  
 REGARDS TO MAINTENANCE PERFORMED.

*Michael Menasian* 12-1-09  
 MICHAEL MENASIAN A&P 3217096 DATE

Date 12/22/09  
 HM 825 4  
 Flt HM: 751 9

Cirrus SR22  
 Reg No: N792PS  
 Ser No: 1872

**Horizon Avionics, Inc.**

2361 Airport Highway, #3, Alcoa, TN 37701, Tel: (865) 980-7858 Fax: (865) 980-7701

**LOG ENTRY**

Remove and replace #1 Alternator Field Control Module with new, p/n. 14605-002  
 Ran aircraft. ops check good

**MAINTENANCE RELEASE**

The Airframe 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 with respect to the work performed  
 Pertinent Details Of This Repair Are On File Under work Order No M1924

Signed *William Hopperwood* Cert No AIP2860476 Date 12-22-09  
 For Horizon Avionics, Inc

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7869 29-December-2009 WO# 5059 REF# 5059 AC TT 756.0 HOBBS 829.4  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 756.0

Pg 1 / 1

**AIRFRAME**

\*ADJUSTED LH CABIN DOOR UPPER LATCH TENSION AS REQUIRED IAW CIRRUS SR22 MM 52-10. OPS CHECK: GOOD.  
 \*C/W NLG INSPECTION IAW CIRRUS SR22 MM 32-20. NO DEFECTS NOTED.  
 \*CLEANED LH FORWARD ENGINE MOUNT BONDING SURFACES IAW AC 43.13-1B.  
 \*REPAIRED RH FRONT BAFFLE IAW AC 43.13-1B.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
 WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH  
 REGARDS TO MAINTENANCE PERFORMED.

*Tim Masters* 12/29/09  
 TIM E MASTERS A&P/IA 2802663 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7876 14-January-2010 WO# 5064 REF# 5064 AC TT 767.0 HOBBS 840.5  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 767.0

Pg 1 / 1

**AIRFRAME**

\*REMOVED AND REPLACED FWD ANTI-ICE LINE, P/N 15333-002, WITH NEW SEALS, P/N 15164-091. LEAK CHECK:  
 GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE  
 WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH  
 REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 1-14-10  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

Ensign Linkbook

# Maintenance, Repairs, and Inspection Record

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607  
 Cirrus SR22 TAIL# N792PS S/N 1872 Hobbs 845.2 February 11, 2010

**AIRFRAME**

COMPLIED WITH AVIDYNE SERVICE BULLETIN 601-00083-005 SOFTWARE UPGRADE. THIS SERVICE BULLETIN WAS PERFORMED ON BOTH LEFT AND RIGHT AVIDYNE INTEGRATED FLIGHT DISPLAYS. OLD SOFTWARE VERSION 9.01. NEW SOFTWARE VERSION 9.02. UPDATE PERFORMED BY BRENT S. GILLETTE.

*Brent S. Gillette* 2/11/2010  
 DOUGLAS K. BOWLING IA/A&PH 2640973 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7915 09-March-2010 WO# 5086 REF# 5086 AC TT 777.3 HOBBS 851.6 Pg 1 / 1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 777.3

**AIRFRAME**

\*INSTALLED BRAIDED SLEEVE ON #1 ALTERNATOR BATTERY AND FIELD WIRING IAW AC 43.13-18.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 3-9-10  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7922 31-March-2010 WO# 5095 REF# 5095 AC TT 808.6 HOBBS 882.1 Pg 1 / 1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 808.6

**AIRFRAME**

\*COMPLETED MCU 130 INSPECTION CHECK (REMOVED COVER, INSPECTED, APPLIED CORROSION INHIBITOR, REINSTALLED COVER, AND SEALED) IAW CIRRUS SR22 MM 24-30. NO CORROSION NOTED. OPS CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*David G. Jones* 3/31/10  
 DAVID G. JONES A&P 3064197 DATE

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607  
 Cirrus SR22 TAIL# N792PS S/N 1872 Hobbs 882.1 March 31, 2010

**AIRFRAME**

COMPLIED WITH AVIDYNE SERVICE BULLETIN 601-00083-014 SOFTWARE UPGRADE TO LEFT IFD. RIGHT IFD INCURRED FAILURE DURING UPDATE RENDERING GPS#2 INOP. ITEM PLACARDED FOR DAYTIME VFR FLIGHT ONLY. THIS SERVICE BULLETIN WAS PERFORMED ON LEFT AVIDYNE INTEGRATED FLIGHT DISPLAY ONLY. OLD SOFTWARE VERSION 9.02. NEW SOFTWARE VERSION 9.02.2. UPDATE PERFORMED BY BRENT S. GILLETTE.

*Brent S. Gillette* 3/31/2010  
 DOUGLAS K. BOWLING IA/A&PH 2640973 DATE

*Oil Change - Paul Platt @ 882.1*

# Maintenance, Repairs, and Inspection Record

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607

Cirrus SR22 TAIL# N792PS S/N 1872 Hobbs 882.8 March 31, 2010

## AIRFRAME

COMPLIED WITH AVIDYNE SERVICE BULLETIN 601-00083-014 SOFTWARE UPGRADE TO LEFT IFD. RIGHT IFD INCURRED FAILURE DURING UPDATE RENDERING GPS#2 INOP. ITEM PLACARDED FOR DAYTIME VFR FLIGHT ONLY. THIS SERVICE BULLETIN WAS PERFORMED ON LEFT AVIDYNE INTEGRATED FLIGHT DISPLAY ONLY. OLD SOFTWARE VERSION 9.02. NEW SOFTWARE VERSION 9.02.2. UPDATE PERFORMED BY BRENT S. GILLETTE.



4/01/2010

DOUGLAS K. BOWLING IA/A&P# 2640973 DATE

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607

Cirrus SR22 TAIL# N792PS S/N 1872 Hobbs 884.1 April 1, 2010

## AIRFRAME

REMOVED AND REPLACED FAULTY GPS723 MODULE IAW AVIDYNE IFD M/M 600-00234-004 SECTION 8.8. OPERATION CHECKOUT GOOD. P/N 750-00008-000 S/N M092760879 FOR UNIT REMOVED, P/N 750-00008-000 S/N M092760833 FOR UNIT INSTALLED. SOFTWARE ON BOTH GPS ARE CURRENT WITH VERSION 9.02.2.



4/01/2010

DOUGLAS K. BOWLING IA/A&P# 2640973 DATE

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607

Cirrus SR22 N792PS S/N 1872 Hobbs 893.7 April 17, 2010

## AIRFRAME

REMOVED AND REPLACED DAMAGED OXYGEN FILLER CHECK VALVE P/N OX MI124 IAW PRECISE FLIGHT ICAW. SERVICED AIRCRAFT OXYGEN TANK IAW CIRRUS SR22 M/M 12-10. TIGHTED LOOSE ELEVATOR BRACKET BOLTS IAW CIRRUS SR22 M/M 27-30.



4/17/2010

DOUGLAS K. BOWLING IA/A&P# 2640973 DATE

Engine Logbook






# Maintenance, Repairs, and Inspection Record

April 27<sup>th</sup> 2010

N792PS Cirrus SR 22 S/N 1872  
Continental IO 550 N 42 S/N 689135

Date		Certificate Number
	Removed upper cowling. Repaired connector for MP at engine rear baffle, forward side. Installed upper cowling. Operational check of MP with an engine run found satisfactory at this time.	
	THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.	
		
	JIM BARKER A&P 2755069 Cell 715 491 1303 www.aviationvibes.com	
	AVIATION RESOURCES, LLC 101 Airport Ave Hangar 7 Cumberland, WI 54829	

Engine Logbook


Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607

Cirrus SR22 N792PS S/N 1872 Hobbs 936.2 JULY 9, 2010

**AIRFRAME**

REMOVED AND REPLACED FAULTY ALT 2 FIELD CONTROL MODULE P/N 14605-030. GROUND CHECK GOOD. WORK PERFORMED IAW CIRRUS SR22 M/M 24-30.

 7/9/2010  
DOUGLAS K. BOWLING IA# 2640973 DATE

9/17/2010 Replaced lens cover on #3 landing light. Had one had hot damaged Paul 

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607

CDC SR22 N792PS S/N 1872 Hobbs 982.0 Flyt 908.5 October 8, 2010

**AIRFRAME**

COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. AIRWORTHINESS DIRECTIVES (AD) AND SERVICE BULLETINS (SB) RESEARCHED THROUGH REVISION 2010-20 AND FOUND COMPLIED WITH PER FAA, AND MANUFACTURERS INSTRUCTIONS.

NEXT ANNUAL INSPECTION DUE BY: OCTOBER 31, 2011

NEXT IFR BIENNIAL CERTIFICATION INSPECTION DUE BY: JULY 31, 2011

REMOVED AND REPLACED BRAKE CYLINDER O-RINGS P/N M83461-1-222 AND LININGS P/N 066-06200 IAW CLEVELAND MM AWBCMM 0001-7. INSPECTED AIRCRAFT ELT SYSTEM IAW CIRRUS SR22 MM 25-60, AND FAR 14 CFR 91.207. ELT BATTERIES EXPIRE: MARCH 2013. INSPECTED CABIN FIRE EXTINGUISHER IAW CIRRUS SR22 MM 26-20. REBONDED LOWER WING ROOT FAIRINGS IAW SR 22 AMM 57-20. REMOVED AND REPLACED NLG SPINDLE THRUST WASHER P/N 50545-001 AND BELLEVILLE WASHERS IAW SR 22 AMM 32-20. REMOVED AND REPLACED AIRSPEED INDICATOR LIGHT TRAY P/N 10-00112 IAW SR 22 AMM 33-10. COMPLIED WITH CIRRUS SB 2X-32-19R2, NLG INSPECTION, NO DEFECTS NOTED, NEXT INSPECTION DUE BY 1008.5 FLYT OR ANNUAL INSPECTION. COMPLIED WITH PRECISE FLIGHT INSTRUCTIONS FOR ICAW, NO DEFECTS NOTED. OXYGEN BOTTLE DUE HYDROSTATIC TESTING BY OCTOBER 31, 2011. COMPLIED WITH AVIDYNE R9 ICAW, NO DEFECTS NOTED.

I certify that this aircraft has been inspected in accordance with CIRRUS SR22 annual inspection and was determined to be in airworthy condition.

 10/8/2010  
DOUGLAS K. BOWLING A&P 2640973 IA DATE







2601 Cessna Lane Kennesaw, GA 30144 770-427-4954  
 LOG ID# 13736 20-October-2011 WO# 11374  
 N792PS S/N 1872 CIRRUS SR22  
 AC TT 1035.8 HOBBS 1035.8

\*\*\* AIRFRAME LOG ENTRY \*\*\*

ANNUAL INSPECTION COMPLETED. THE FOLLOWING AD'S WERE COMPLIED WITH DURING THIS ANNUAL: AD 2009-16-03 N/A NO CYLINDER CHANGES AND AD 2010-11-04 N/A NO LIFTER CHANGES DURING TIME INDICATED. REPLACED THE FOLLOWING: LEFT AND RIGHT BRAKE CALIPER O-RINGS P/N M83461/1-222, TEMPERATURE LABELS P/N 51698-001 & P/N 51698-003, AIR INDUCTION ASSEMBLY FLAPPER DOOR BOLT P/N AN3-34, LEFT AND RIGHT BRAKE DISCS P/N 164-02504, LEFT MAIN TIRE, RIGHT BRAKE SHIM P/N 069-01100, TWO BELLEVILLE WASHERS P/N 50750-101 & THRUST WASHER P/N 50545-001, RUDDER AND AILERON INTERCONNECT CORD P/N 12983-001 - NEXT DUE OCTOBER 2016, TWO WELLNUTS P/N 50803-001, CAPS LINE CUTTERS P/N 25347-002 S/N 1640 & S/N 1755 - NEXT DUE REPLACEMENT JULY 2017 AND RIGHT AFT NAV LAMP P/N 508-28V. COMPLIED WITH S/B 2X-32-19R2 BY INSTALLING KIT 70238-001 AND S/B 2X-05-01 BY INSTALLING YELLOW TEMPERATURE LABELS P/N 51698-003. ROTATED RIGHT MAIN TIRE ON WHEEL FOR WEAR. INSTALLED HEAT SHRINK ON PILOT & CO-PILOT'S SEAT BELT CANNON PLUGS. ON PILOT'S SEAT REPAIRED AIRBAG BROKEN WIRE. NOSEGEAR MOUNT BOLTS RETORQUED AND BUSHING LUBRICATED. ADJUSTED RUDDER CABLE TENSION. ADJUSTED AILERON/RUDDER INTERCONNECT SYSTEM. RETORQUED LEFT WING INBOARD FUEL SENSOR UNIT SCREWS. CLEANED FUEL STAINS OFF. RETORQUED ELEVATOR TRIM CARTRIDGE MOUNT BOLT AND SAFTIED. RETORQUED ELEVATOR TRIM MOTOR SCREWS THAT HOLD MOTOR TO MOUNT. REPAIRED HANGER RASH ON RIGHT WING TIP - PAINTED AND BUFFED OUT. REINSTALLED WING TIP. SERVICED TKS SYSTEM - 1 GALLON. SERVICED TIRES. LUBRICATED AIRCRAFT. SERVICED BATTERY. INSPECTED ELT S/N 055073 IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. BLED BRAKES. VISUALLY INSPECTED BRAKES AND LININGS. COMPLETED PULL TEST ON NOSE GEAR PIVOT TO 25LBS AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.  
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, 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 FOR WORK PERFORMED UNDER WO#11374 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*Denil L Kendall*

Signed DK7R795J FOR DLK AVIATION, INC.

MODEL: SR22  
 S/N: 1872  
 REG. No: N792PS



Airframe

DATE: 5/8/2012  
 HOBBS: 1146.2  
 TACH: 1072.8

Maintenance:

- Tightened nose wheel IAW AMM 32-00.
- Removed DFC100 P/N 700-00170-001 s/n M110331093, sent to Avidyne for software update, and reinstalled IAW AMM 22-00.
- Adjusted aileron trim tab angle IAW AMM 27-00.
- Removed alternator #1 cable and replaced with new shielded cable P/N 19815-004 IAW AMM 24-00.
- Removed main battery P/N G243 s/n G02443899 and replaced with new P/N G243 s/n G02689181 IAW AMM 24-00.
- Installed new hardware on upper MLG fairing IAW AMM 32-00.
- Removed R/H and L/H MLG fairing well nuts and replaced with new P/N Q1032 IAW AMM 32-00.
- Ground checked marker beacon and found to be working properly IAW AMM 34-00.
- Ground checked Skywatch system and found to be working properly IAW AMM 34-00.
- Performed Avidyne SB 601-00083-025 and 601-00083-026 on #1 and #2 IFD IAW SB instructions.

The airframe identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No 21373.

Signed: *[Signature]*  
 For: Corporate Flight Management, Inc.

Certified Repair Station

FJTR920D

Form CFM 007




# Stevens Aviation, Inc.

Repair Station VIB8368K  
Location GSP

Transponder ramp tests data performed in accordance with FAR 43, Appendix F for showing compliance with FAR 91.413.

Aircraft Registration N792PS Work Order No: GSP-WO-3202

## # 1 Transponder

## # 2 Transponder

MFG Becker Model ATC-4401 S/N 00236 MFG \_\_\_\_\_ Model \_\_\_\_\_ S/N \_\_\_\_\_

Transmitter Freq	<u>1090.1 MHz</u>	Transmitter Freq:	<u>/</u>
SLS + 0 dBm	<u>No Reply</u>	SLS + 0 dBm	<u>/</u>
SLS - 9 dBm	<u>Reply</u>	SLS - 9 dBm	<u>/</u>
Recvr Sensitivity	<u>-76 dBm</u>	Recvr Sensitivity	<u>N/A</u>
Mode C Sensitivity	<u>-76 dBm</u>	Mode C Sensitivity	<u>/</u>
Codes	<u>OK</u>	Codes	<u>/</u>
Mode S Checks	<u>N/A</u>	Mode S Checks	<u>/</u>

Technician Chris E. Johnson  
Date 11-12-2012





# Maintenance, Repairs, and Inspection Record

MODEL: SR22  
 S/N: 1872  
 REG. No: N792PS



DATE: 6/29/2012  
 HOBBS: 1159.7  
 TACH: 1086.3

## Airframe

### Maintenance:

-Re-secured co-pilot eyeball vent IAW AMM 21-00.

The airframe identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No 21672.

Signed:

For: **Corporate Flight Management, Inc.**

**Certified Repair Station**

**FJTR920D**

Form CFM 007

Engine Logbook

DATE: 11/12/2012 REG NO: N792PS

SER NO: 1872

HM: 1190.3

## AVIONICS

I certify that the altimeter and static system test and inspection required by FAR 91.411 have been performed on the altimeter(s) listed below in accordance with FAR 43 Appendix E paragraphs (a) and (b).

LH Alt Make: <u>Avidyne</u>	LH Alt Model: <u>IFD5000i</u>	LH Alt S/N: <u>M092557705</u>	Altitude: <u>20000</u>
Encoder Make: <u>ACK</u>	Encoder Model: <u>A-30</u>	Encoder S/N: <u>099957</u>	Altitude: <u>20000</u>
RH Alt Make: <u>Avidyne</u>	RH Alt Model: <u>IFD5000i</u>	RH Alt S/N:	Altitude: <u>20000</u>
SB Alt Make: <u>United</u>	SB Alt Model: <u>5934AD-3</u>	SB Alt S/N: <u>458860</u>	Altitude: <u>20000</u>

Altitude reporting system tested per Paragraph (c) Appendix E, FAR 43.

I certify the ATC Transponder Tests and Inspections required by FAR 91.413 were performed on the transponder(s) listed below in accordance with FAR 43 Appendix F.

No 1 Xpdr Make: <u>Becker</u>	No 1 Xpdr Model: <u>ATC-4401</u>	No 1 Xpdr S/N: <u>00236</u>
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I Certify That The Maintenance Identified In This Work Order Package Has Been Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order Number. GSP-WO- 3202

SIGNED:

For **STEVENS AVIATION, GREER, SC 29651, CRS-V1B8368K**

SA-0505 Work Order #GSP-WO- 3202

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8860 16-November-2012 WO# 5661 REF# 5661 AC TT 1116.6 HOBBS 1190.1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1116.6

AIRFRAME  
 \*\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 11/15/12. NEXT ANNUAL INSPECTION DUE NOV 2013.  
 \*COMPRESSION: #1-72/80; #2-60/80; #3-60/80; #4-72/80; #5-71/80; #6-70/80. (M/O: 44/80)  
 \*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.  
 \*C/W AD 2009-16-03, CYLINDER HEAD SEPARATION, BY INSPECTION OF ENGINE RECORDS/CYLINDERS. AD FOUND N/A PER SAP CYLINDERS NOT INSTALLED.  
 \*AD 2012-03-06C, FUEL SERVO REPLACEMENT, N/A PER AVSTART FUEL SYSTEM NOT INSTALLED. NO FURTHER ACTION REQUIRED.  
 \*REPLACED INDUCTION AIR FILTER, P/N BA-24, IAW CIRRUS SR22 MM 71-60. NEXT REPLACEMENT DUE AT 1316.6 FHM OR NOV 2013.  
 \*INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERIES DUE MAR 2015. NEXT INSPECTION DUE NOV 2013.  
 \*INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE NOV 2013.  
 \*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-8B, IAW CIRRUS SR22 MM 28-20. OPS/LEAK CHECK: GOOD.  
 \*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
 \*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8860 16-November-2012 WO# 5661 REF# 5661 AC TT 1116.6 HOBBS 1190.1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1116.6

INSTRUCTIONS. OPS CHECK: GOOD.  
 \*REPLACE INFLATABLE RESTRAINT ELECTRONIC MODULE ASSEMBLY (EMU) WITH NEW. NEXT DUE DATE AUG 2019.  
 \*REPLACED ELT REMOTE BATTERY WITH NEW. NEXT DUE MAR 2021  
 \*REPLACED ELT REMOTE BATTERY WITH NEW. NEXT DUE MAR 2021  
 \*PITOT SYSTEM HAS MAJOR LEAK IN TUBING IN FLOOR, FOUND LEAKS AND REPAIRED TUBING LEAK CHECKED GOOD.  
 \*DURING IFR CHECKS FOUND MAJOR LEAKS IN STATIC SYSTEM REPAIRED LEAKS AND LEAK CHECKED GOOD.  
 \*REMOVED OXYGEN BOTTLE FOR HYDROSTATIC CHECK, HYDRO PERFORMED BY AEROSPACE TURBINE ROTABLE INC, INSTALLED BOTTLE, SERVICED WITH O2 LEAK CHECKED GOOD. IAW PRECISE FLIGHT ICA. NEXT DUE NOV 2017.  
 \*C/W SB 2X-02-02 INDUCTION DUCT FLAPPER BOLT REPLACEMENT NEXT DUE 1616.6 FLT HOURS.  
 \*REPLACED RT MLG TIRE TIRE, CONDOR 15X6.00-6  
 \*REPLACED TKS FEEDER TUBE UNDER RH BAFFLE  
 \*REPLACED 3 NLG PUCKS IN NOSE LANDING GEAR IAW CMM 32-20. PROP HAS 8 IN OF GROUND CLEARANCE.  
 \*REPLACED MLG BRAKE LININGS IAW CMM 32-42 & CLEVELAND MANUAL  
 \*REPLACED NLG THRUST WASHER & TORQUED TO 25 LBS PULL TEST IAW CMM32-20  
 \*RIGGED RUDDER AILERON INTERCONNECT (RAI) IAW CMM 27-20  
 \*ADJUSTED FLAP LIMIT SWITCHES FOR FLAPS RUBBING ON HINGES. IAW CMM 57-50  
 \*REPLACED MISS CP GRAB HERE PLACARDS.  
 \*ADJUSTED CP DOOR LATCHES FOR PROPER OPERATION IAW CMM 52-10  
 \*COULD NOT DUPLICATE LOW VOLUME ON TERRIAN ALERTS  
 \*COULD NO DUPLICATE AT THIS TIME. NO AUDIO ON OUTER MARKER.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
 THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8860 16-November-2012 WO# 5661 REF# 5661 AC TT 1116.6 HOBBS 1190.1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1116.6

REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 11-16-12  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8881 13-December-2012 WO# 5690 REF# 5690 AC TT 1124.2 HOBBS 1197.6  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1124.2

AIRFRAME  
 \*TIGHTENED RH NOSE WHEEL TOW LUG IAW CMM 32-20  
 \*LUBED PILOT DOOR LATCHES & LOCKS.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 12-13-12  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

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DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HOR 6 GREENVILLE, SC 29607  
 LOG ID# 9285 12-November-2013 WCM 5901 REF# 5901 AC TT 1184.9 HOBBS 1259.3  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1184.9

Pg 1/1

AIRFRAME  
 \*COMPLETED ANNUAL INSPECTION TAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00, ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 10-25-13. NEXT ANNUAL INSPECTION DUE 11/2014.  
 \*REPLACED INDUCTION AIR FILTER, P/N BA-24, IAW CIRRUS SR22 MM 71-60. NEXT REPLACEMENT DUE AT 1385.2 FHM OR 11/2014.  
 \*INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). BATTERIES DUE 3/2015. NEXT INSPECTION DUE 11/2014.  
 \*INSPECTED HAND HELD FIRE EXTINGUISHER FOR PROPER INSTALLATION; REMOVED, INSPECTED FOR DAMAGE, WEIGHED, \*PLACARDED, AND REINSTALLED EXTINGUISHER IN AIRCRAFT. ALL IAW CIRRUS SR22 MM 26-20. NEXT INSPECTION DUE 11/2014.  
 \*REMOVED GASCOLATOR BOWL AND SCREEN, CLEANED AND INSPECTED SCREEN, AND REINSTALLED GASCOLATOR SCREEN AND BOWL WITH NEW SEALS, P/N MS29513-137, NAS1523-88, IAW CIRRUS SR22 MM 28-20. OPS/LEAK CHECK: GOOD.

\*SECURED TOW LUGS ON NOSE GEAR.  
 \*CLEAN VELCRO STRIP OF CARPET FUZZ TO PREVENT SLIPAGE.  
 \*REPOSITION ALT #1 BATTERY CABLE TO PREVENT RUB ON VALVE COVERS  
 \*REPLACED NLG REBOUND PUCK WASHER P/N:18380-001 IAW CMM 32-20  
 \*ADJUSTED FLAPS LIMIT SWITCHES TO PREVENT FLAP RUB ON HINGES. IAW CMM 57-50  
 \*RESEALED AND BONDED RT INBD WING ROOT FAIRING ON BOTTOM SIDE. IAW CMM 53-50  
 \*REMOVED DRY ROTTED AND SPLIT VOR ANTENNA GROMMETS AND REPLACED WITH NEW BUSHINGS.  
 \*INSPECTED LT HORIZONTAL STAB FAIRING, STOPPED DRILLED MINOR CRACK AND SEALED

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
 THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH RECORDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 11-12-13  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

AIRCRAFT REG: N792PS DATE: 11/06/2014  
 MFG: CIRRUS Work Package #: A7619  
 MODEL: SR22  
 SERIAL: 1872  
 HOBBS / TACH: 1313.6 TOTAL TIME:

DESCRIPTION OF WORK COMPLETED:  
 Performed Pre-Update function checks IAW Avdyne System Installation Manual 600-00160-000 REV 14. System function checked good. Removed ACR132 Blades #1 IFD ACR132 P/N 710-00110-000 REV 04. S/N M092760664 #2 IFD ACR132 P/N 710-00110-000 REV 04. S/N M092861877. Installed Upgraded ACR Blades to #1 IFD ACR132 P/N 710-00110-001 REV 01. S/N M092760664 IFD #2 ACR132 P/N 710-00110-001 REV 01. S/N M092861877 to comply with Avdyne Service Bulletin 601-00083-039 dated 22 September 2014 (REV 01). Disabled the aircraft EGPWS IAW Avdyne Service Bulletin 601-00083-039 and Cirrus Aircraft Wiring Manual Models SR22 and SR22T Chapter 34-40-03. Drawing WM15597-01 Page 1. Complied with Avdyne service bulletin 601-00083-039 dated 22 September 2014 (REV 01) IFD Release 9.2.X Upgrade to Release 9.3. No faults at this time.

Removed GPS Receiver GPST23 for Avdyne repair. P/N 710-00177-000. S/N M102309623. Installed repaired GPST23 P/N 710-00177-000. S/N M102309623 IAW Avdyne Entegra IFD system manual 600-00234-004. No faults at this time.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. A7619

Signed *Andrew Lewis* Andrew Lewis

For Epps Air Service, Inc. FAA CRS # ESMR688D,  
 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1

Pg 1/3

316.6 Certificate Number

Pg 2/3

Pg 3/3

Pg 1/1

Engine Logbook

11/11/14  
 1313.6  
 11/11/14



AIRCRAFT REG: N792PS  
 MFG: CIRRUS  
 MODEL: SR22  
 SERIAL: 22-1872  
 HOUR METER: 1313.8

DATE: 11/12/14  
 WORK PACKAGE: P5159  
 TACH TIME: 1237.7 FT  
 TOTAL TIME:  
 TOTAL CYCLES/LANDINGS:

Performed ground run, no defects noted. Removed top cowl and performed visual inspection, no defects noted. Aircraft walk around satisfactory, no defects noted. Aircraft appear to be in safe flight condition for Ferry Flight from PDK - Atlanta Direct to KTYS Mc Ghee Tyson Airport Tenn. Per Special Flight Permit Dated Nov 10 2014 (Edmundo Rolon FAA ASI)

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
		The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P5159	 Eddie S. Taylor	
<p>Signed: _____ for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341</p> <p>Page 1 of 1</p>				
<div style="border: 1px solid black; padding: 5px;"> <p>Date: 12/17/2014            FLT: 1238.8            HBS: 1315.3</p> <div style="text-align: center;">   <b>Horizon Avionics, Inc.</b>            2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701         </div> <p style="text-align: center;"><u>AIRFRAME LOG ENTRY</u></p> <p>CW Annual Insp with reference to SR22 AMM 05-20. Bench charged and serviced Acft battery. CW 12 mo. ELT inspection IAW FAR 91.207(d). Replaced ELT batteries. 12-2024. CW AD research through Bi-Weekly 2014-25. Replaced #2 Batterys W/New P/N 50979-001. Replaced Fuel boost rocker switch W/new P/N 30331-001. Replaced Lh brake disk W/new P/N 164-02504. Replaced 8Ea Brake linings &amp; Pins W/New P/Ns 06-06200 &amp; 177-00300. C/W weight insp fire extinguisher. C/W Gascolator insp &amp; reseal W/New P/N NAS1523-8B &amp; MS29513-137. Installed new Induction air filter BA-24. Replaced Xponder antenna W/new P/N 104-12. Ops &amp; leak check good.</p> <p style="text-align: center;"><u>MAINTENANCE RELEASE</u></p> <p>I certify that this Airframe has been inspected IAW a Annual Inspection and is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M3471.</p> <p>Signed:             For Horizon Avionics, Inc. Cert. No: F123767244 Date: 12/17/2014</p> </div>				

STATES OF AMERICA  
 FEDERAL AVIATION  
 BUSINESS C

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shable by a fine not ex  
 THE AIRCRAFT IN A

☆ U.S. GOVERNMENT

Date: 12/22/14  
ACTT: ---  
HM: 1315.3

Reg. No: N792PS  
Ser. No: 1872

**Horizon Avionics, Inc.**

2445E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858

ATC Transponder tested as required by FAR 91.413 IAW FAR 43, App. F and found to comply.  
ADC/Altimeter tests as required by FAR 91.411 IAW FAR43, App. E. Para.(b) and found to

comply.  
LT. Make: Avidyne IFD5000i ADC S/N: M092760209 tested to 20,000 ft. on 11/24/14.  
RT. Make: Avidyne IFD5000i ADC S/N: M09257705 tested to 20,000 ft. on 11/24/14.  
Stby. Altimeter Make: United 5934AD-3 S/N: 458860 tested to 20,000 ft. on 11/24/14.  
Automatic pressure altitude reporting system, L [ X ], R [ ], has been tested as required by FAR 91.411 IAW FAR 43, App. E. Para.(c) and found to comply.  
Static pressure system, L [ X ], R [ ], has been tested as required by FAR 91.411 IAW far 43 App. E. Para. (a) and found to comply. \*\*\* NEXT DUE 11/24/16 \*\*\*

**MAINTENANCE RELEASE**

The Airframe 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 Of This Repair Are On File At This Repair Station Under Work Order No. 6344.

Signed: [Signature] Cert. No: 313357 Date: 12/22/14  
For Horizon Avionics, Inc. FAA CRS F30R150X

Certificate  
Number

Date: 12/22/14  
Tach: ---  
HM: 1315.6

Reg. No: N792PS  
Ser. No: 1872

**Horizon Avionics, Inc.**

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

**LOG ENTRY**

Removed inop King KGP560 and associated switches/annunciators. Fabricated cover plate for instrument panel holes. Revised equipment list. W&B change negl.

**MAINTENANCE RELEASE**

The Airframe 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 Of This Repair Are On File At This Repair Station Under Work Order No. 6174.

Signed: [Signature] Cert. No: 313357 Date: 12/22/14  
For Horizon Avionics, Inc. FAA CRS F30R150X

Make: Cirrus  
Model: SR22  
SN: 1872  
Reg. No: N792PS  
Flight: 1245.3

**Gwinnett Aero**  
MAINTENANCE LLC

Gwinnett Aero Maintenance  
850 Airport Road Box 7  
Lawrenceville, GA 30046  
770-962-9092  
www.GwinnettAero.com

Complied with Avidyne SB 601-00083-039 Rev 02 by upgrading software from Entegra Release 9.3 to Entegra Release R9.3.1.  
I certify that this aircraft has been inspected and was determined to be in an airworthy condition and is approved for return to service.  
Ref. Gwinnett Aero Maintenance W/O No. 446 for details. DATE: 01/30/2015

Signature: [Signature]  
Steven Givens

FAA APPROVED CRS# 1GWR012C

Certificate  
Number

Date T  
Date T



Pg 1/1

REG #: N792PS DATE: 08/26/2016

TACH: N/A HOBBS: 1298.5 TT: 1298.5

*Flight meter*

AIRFRAME  
 Removed #2 IFD PN: 700-00063-000 SN: M092760209 and installed repaired IFD PN:  
 700-00083-000 SN: M094075615. Configured as required. Performed mag and IRU  
 calibration in accordance with IFD5000 Install Manual. Pict and static system leak tests  
 satisfactory. \*\*\*END\*\*\*

Gwinnett Aero MAINTENANCE LLC  
 Mechanic *[Signature]* Steve Givens AP3267390

Date	T	T			

**DLK** 2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
 LOG ID# 18496 23-January-2017 WO# 16668  
 N792PS S/N 1872 CIRRUS SR22 Pg 111  
 AVIATION, INC. AC TT 1329.5 HOBBS 1329.5

\*\*\* AIRFRAME LOG ENTRY \*\*\*

ANNUAL INSPECTION COMPLETED. THE FOLLOWING AD'S WERE COMPLIED WITH DURING THIS ANNUAL: AD2016-16-12 NOT APPLICABLE ORIGINAL OEM CYLINDERS INSTALLED. TIGHTENED NLG TOW LUGS. REPAIRED NOSE STRUT AND NOSE WHEEL PANT CHAFING. REPLACED R/H MLG TIRE. REPLACED NLG THRUST WASHER AND ADJUSTED NOSE WHEEL TENSION. INSTALLED SCREW IN THROTTLE PANEL. COMPLIED WITH SB2X-52-08R2 BY INSTALLING KIT P/N 70544-001. TIGHTENED PILOT SIDE MASTER CYLINDER CONNECTIONS. SECURED INSTALLATION OF PILOT SIDE KI PANEL. REPAINTED TKS PANEL EROSION STRIPS ON WINGS AND ELEVATORS. REPAIRED L/H HORIZONTAL STABILATOR ROOT FAIRING. SECURED L/H WING TIP LIGHTING HARNESS. TIGHTENED INBOARD FUEL PANEL HARDWARE. REPLACED #1 BATTERY AFTER CAPACITY TEST FAILURE. SERVICED TIRES. LUBRICATED AIRCRAFT SERVICED BATTERY. INSPECTED ELT S/N 055073IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. VISUALLY INSPECTED BRAKES AND LININGS. COMPLETED PULL TEST ON NOSE GEAR PIVOT AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.  
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, 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 FOR WORK PERFORMED UNDER WO#16668 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30283 9X3R785C  
 LOG ID# 2612 16-January-2017 WO# 3008 HOBBS 1410.5  
 N792PS S/N 1872 CIRRUS SR22

REMOVED ALTIMETER P/N 5934AD-3 S/N 458850 AND SENT OFF FOR REPAIR. INSTALLED NEWLY OVERHAULED CUSTOMER SUPPLIED ALTIMETER P/N 5934AD-3 S/N 458860. PERFORMED ALTIMETER CHECK, STATIC SYSTEM INTEGRITY CHECK, AND ENCODER CHECK IAW 14CFR 43 APPENDIX E TO COMPLY WITH 14CFR 91.411. THE AIRCRAFT ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN REFERENCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

*Matthew Bryant*  
 INSPECTOR / MATTHEW BRYANT 9X3R785C  
 \_\_\_\_\_ CERTIFICATE #

*Handwritten: AHA a Trans 20*

**AUTHORITY**  
 Governing Civil Aviation Authority/Country: [Blank]  
 FAA/FAA-Approved States: [Blank]  
 14C Approval/Certificate No.: 11VAR1616B  
 Approved under Part 43, Subpart L, Section 1.175 of the work with a certificate number of: 08/18/2016  
 Name (Typed or Printed): [Blank]  
 13b Authorized Signature: [Blank]  
 Limited life parts must be accounted for in accordance with the regulation by the user / installer before the aircraft may be returned to service.

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 12.

13b. Authorized Signature: \_\_\_\_\_

13c. Name (Typed or Printed): \_\_\_\_\_

13e. Approval/Authorization No.: \_\_\_\_\_

13d. Date (dd/mm/yyyy): \_\_\_\_\_

14a. Name: \_\_\_\_\_

14b. Title: \_\_\_\_\_

14c. Date: \_\_\_\_\_

14d. Title: \_\_\_\_\_

**WITH MFRS NOTED:**  
 Cert and Recd: [Blank]  
 [Handwritten marks]

13a. Important to understand that the existence of this document alone does not automatically constitute approval of the user/installer's work. The user/installer performs work in accordance with the national regulations of the country specified in block 1. Statements of approval must contain an installation certification (ISS) as specified in block 1.1.

Pg 1/1  
 WITH  
 TACH  
 P/N  
 PIVOT  
 FOR  
 TILLS

# Maintenance, Repairs, and Inspection Record

(Use as many lines as necessary for complete entries. Draw a diagonal line through unused cells.)

Date	Total Time	Details of Work and Comments	Signature	Certificate Number
28 March 2017		Owner executed oil change Paul Matt 421765275 Exxon Elite & Castrol		hobbs = 1733



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
LOG ID# 18986 14-July-2017 WO# 17307  
N792PS S/N 1872 CIRRUS SR22

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\*\*\* ENGINE LOG ENTRY \*\*\*

INSPECTED ENGINE AND PERFORMED ENGINE OPERATIONAL CHECK. NO FAULTS NOTED. REVIEWED AND ANALYZED ENGINE DATA FOR OPERATIONAL ANOMOLIES.

MAINTENANCE RELEASE.  
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, 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 FOR WORK PERFORMED UNDER WO#17307 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed *[Signature]* FOR DLK AVIATION, INC.

12 July		Owner executed oil change Castrol & Exxon Elite. hobbs = 1508.6 Paul Matt 421765275		
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1. Applying Line Aviation Authority Country <b>FAA/UNITED STATES</b>		<b>AUTORIZED RELEASE CERTIFICATE</b> FA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number <b>6101-01</b>
4. Organization Name and Address Aero Wheel and Brake Service Corp. 6900 Airport Montebello, Ca. 90640. FAA Repair Station No. U8SR971J			5. Work Order, Contract, or Invoice Number <b>6101</b>	6. Status/Work Overhauled
7. Item	8. Description	9. Quantity	10. Serial Number	
1	Tire <b>15X6.0 - G # 072 - 449 - 1</b>	1	<b>7200W00391 R-1</b>	
12. Remarks Tire processed in accordance with Aero Wheel and Brake Service Corp. Process Specification TP 7710 This process specification incorporates TSO-c82b, c, d and e standards. <b>AWB - Certifies that the work specified in Blocks 11 / 12 was carried out in accordance with EASA Part 145, and with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval No. EASA.145.6168.</b>				
13. a. Certifies the item identified above were manufactured or rebuilt by: <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		14. a. <input checked="" type="checkbox"/> 4 CFR 43.5 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 as described in Block 12 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to the work, the items are approved for return to service.		
13. b. Authorized Signature	13. Approval Authorization No.	14. b. Authorized Signature <i>[Signature]</i>	14. c. Approval/Certificate No. U8SR971J	
13. d. Name (Typed or Printed)	13. Date (Typed)	14. d. Name (Typed or Printed) Andy Alcaraz	14. e. Date (Typed or Printed) 23/Nov/2018	

**User/Installer Responsibilities**  
Limited life parts must be accompanied by maintenance history including total time / total cycles / time since new

It is important to understand that the existence of this Treatment alone does not automatically constitute authority to install the aircraft engine, propeller, article where the user / installer performs works in accordance with the national regulations of an approval authority different than the Airworthiness Authority of the country specified in Block 1 it is essential that the user / installer certifies that this / his service was authorized by the national regulations of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, general maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer unless the national regulations specify otherwise.

FAA Form 8130-3 (02-14) NSN: 6052-00-012-900



1. Approving Civil Aviation Authority/Country <b>FAA/UNITED STATES</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM B130-3, AIRWORTHINESS APPROVAL TAG			3. Identification Number <b>6104-01</b>
4. Organization Name and Address Aero Wheel and Brake Service Corp. 6900 Acorn Street Montebello, Ca 90640 FAA Repair Station No. U8SR971J				5. Work Order, Contract or Invoice Number <b>6104</b>	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	Tire	15X6.0-6 6/ 072-449-0	1	7220W00287 R-1	Overhauled
12. Remarks Tire processed in accordance with Aero Wheel and Brake Service Corp. Process Specification TP-7710 This process specification incorporates ISO-c2b, c, d and e standards					

AWB "Certifies that the work specified in Blocks 11 / 12 was carried out in accordance with EASA Part 145, and with respect to that work, the component is considered ready for release to service under EASA Part 145 Approval No. EASA.145.6168".

Date	13.a. 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		14. <input checked="" type="checkbox"/> 14.c (14.3) Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and as described in Block 12 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to the work, the items are approved for return to service.	
	13.b. Authorized Signature	13. Approval Authorization No.	14.b. Authorized Signature	14.c. Approval/Certificate No.
	13.d. Name (Typed or Printed)	13. (Date printed)	14.d. Name (Typed or Printed)	14.e. Date (dd/mm/yyyy)
			Andy Alcaraz	U8SR971J <b>23/May/2018</b>
User/Installer Responsibilities				
Limited life parts must be accompanied by maintenance history and a <i>calendar</i> total time / for 8 cycles / time since new				
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the aircraft engine or 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 certifies that his/her work complies with the applicable national regulations (products) published by 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 (date in the aircraft may be blank)				
FAA Form 8130-3 (02-14)		NSN 0052-00-012-900		

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ber

<b>DLK</b> 	2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954	Pg 1 / 1
	LOG ID# 19569 15-February-2018 WO# 18008 N792PS S/N 1872 CIRRUS SR22 AC TT 1470.9 HOBBS 1470.9	
<b>AVIATION, INC.</b>		

\*\*\* AIRFRAME LOG ENTRY \*\*\*

ANNUAL INSPECTION COMPLETED. THE FOLLOWING AD'S WERE COMPLIED WITH DURING THIS ANNUAL: NO ADS DUE THIS INSPECTION. NLG UPPER GUSSET PLATE CRACKED. CRACK IS AIRWORTHY I/A/W CIRRUS AMM CH 32.20. CRACK IS CURRENTLY AIRWORTHY. UPPER GUSSET PLATE INSPECTION DUE EVERY 100 FLIGHT HOURS, NEXT DUE 1570.9 HOURS FLIGHT HOUR METER. COMPLIED WITH SB2X-95-24R1 BY INSTALLING KIT P/N 70572-001. INSTALLED NEW LINE CUTTERS P/N 25347-002 S/N 12258 & 12301 NEXT DUE OCT 2023. REPLACED NLG THRUST WASHER. RESEALED ANTENNAS & CLEANED HEADLINER. TIGHTENED TKS LINES UNDER PILOT SEAT. ADJUSTED RUDDER/AILERON RIGGING AND TIGHTENED SHOCK CORD. CLEANED AND RETORQUED PITCH TRIM CARTRIDGE TO ELIMINATE PLAY. INSTALLED NEW R/H BRAKE DISC P/N APS164-02504. INSTALLED CHAFE TAPE ON ENGINE COWLS. REPLACED POSITIVE & NEGATIVE BATTERY TERMINAL BOOTS. REMOVED CORROSION & PAINTED NLG STRUT. REPAIRED FRESH AIR VENT ASSEMBLY. SERVICED TIRES. LUBRICATED AIRCRAFT. SERVICED BATTERY. INSPECTED ELT S/N 055073 IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. VISUALLY INSPECTED BRAKES AND LININGS.COMPLETED PULL TEST ON NOSE GEAR PIVOT TO 25LBS AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.  
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, 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 FOR WORK PERFORMED UNDER WO#18008 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.


Engine Logbook  
CRFP 402-FB



DLK Aviation

2500 Cessna Lane, Kennesaw, GA 30144  
770-427-4954 (W) www.dlkaviation.com



Pilot  #1  
Co-Pilot   
Standby

ALTIMETER CALIBRATION/INSPECTION SHEET

20,000 Feet

WORK ORDER	A/C REGISTRATION	HOBBS/TACH	DATE
19128A	N792PF	H-1627.3 / T-1545.9	3/5/19
ALTIMETER MAKE	ALTIMETER P/N	ALTIMETER S/N	TECHNICIAN
Anadyne	700-00083-000	M094075615	MB

TOLERANCE	ALTITUDE	SCALE ERROR	FRICTION ERROR	AFTER EFFECT (30 FT) 0		
(20)	-1,000	—		CASE LEAK (100 FT) -62		
(20)	0	0				
(20)	500	0		HYSTERESIS (75FT)		
(20)	1,000	0	(70) —	ALTITUDE	UP READING	DOWN READING
(25)	1,500	0		8,000	7995	7990
(30)	2,000	0	(70) —	10,000	9990	9990
(30)	3,000	0	(70) —			
(35)	4,000	0				
(35)	5,000	0	(70) —	BAROMETRIC SCALE ERROR (25 FT)		
(40)	6,000	-5		TOLERANCE	PRESSURE	ACTUAL
(60)	8,000	-5		(-1727)	28.10	-1720
(80)	10,000	-10	(80) —	(-1340)	28.50	-1335
(90)	12,000	-10		(-863)	29.00	-860
(100)	14,000	-10		(-392)	29.50	-400
(100)	15,000	-15	(90) —	0	29.92	0
(110)	16,000	-15		(+531)	30.50	+520
(120)	18,000	-15		(+893)	30.90	+885
(130)	20,000	-25	(100) —	(+974)	30.99	+970

FEATURES

LIGHTS:  VIBRATOR:   
ENCODER:

THIS SECTION NOT USED

Tested in compliance with FAR Part 43, Appendix E  
Certified to 20,000 feet

Form DLK 14

DLK Aviation

2700 Cessna Lane, Kennesaw, GA 30144

770-427-4954 (W) www.dlkaviation.com



Pilot   
 Co-Pilot   
 Standby

#2

ALTIMETER CALIBRATION/INSPECTION SHEET

20,000 Feet

WORK ORDER		A/C REGISTRATION		HOBBS/TACH		DATE	
19128A		N792PS		4-1627.3 / T. 1545.9		3/5/2019	
ALTIMETER MAKE		ALTIMETER P/N		ALTIMETER S/N		TECHNICIAN	
Avidyne		700-00083-000		M092760209		MJ	
TOLERANCE	ALTITUDE	SCALE ERROR	FRICITION ERROR	AFTER EFFECT (30 FT) 0			
(20)	-1,000	—		CASE LEAK (100 FT) -58			
(20)	0	0					
(20)	500	0		HYSTERESIS (75FT)			
(20)	1,000	0	(70) —	ALTITUDE	UP READING	DOWN READING	
(25)	1,500	0		8,000	7995	7995	
(30)	2,000	0	(70) —	10,000	9990	7995	
(30)	3,000	0	(70) —				
(35)	4,000	0					
(35)	5,000	0	(70) —	BAROMETRIC SCALE ERROR (25 FT)			
(40)	6,000	-5		TOLERANCE	PRESSURE	ACTUAL	
(60)	8,000	-5		(-1727)	28.10	-1720	
(80)	10,000	-10	(80) —	(-1340)	28.50	-1340	
(90)	12,000	-10		(-863)	29.00	-860	
(100)	14,000	-10		(-392)	29.50	-400	
(100)	15,000	-10	(90) —	0	29.92	0	
(110)	16,000	-15		(+531)	30.50	+530	
(120)	18,000	-15		(+893)	30.90	+900	
(130)	20,000	-20	(100) —	(+974)	30.99	+975	
				FEATURES			
				LIGHTS:	<input checked="" type="checkbox"/>	VIBRATOR:	<input checked="" type="checkbox"/>
				ENCODER:	<input checked="" type="checkbox"/>		
				THIS SECTION NOT USED			

Tested in compliance with FAR Part 43, Appendix E  
 Certified to 20,000 feet

Form DLK 14

Engine Logbook  
 PART 43, APPENDIX E



Pilot   
 Co-Pilot   
 Standby

ALTIMETER CALIBRATION/INSPECTION SHEET

20,000 Feet

WORK ORDER	A/C REGISTRATION	HOBBS/TACH	DATE
19128A	N792P\$	H-16273/T-1545.9	3/5/19
ALTIMETER MAKE	ALTIMETER P/N	ALTIMETER S/N	TECHNICIAN
United	S934AD-3	458860	MB

TOLERANCE	ALTITUDE	SCALE ERROR	FRICITION ERROR	AFTER EFFECT (30 FT) 0		
(20)	-1,000	0		CASE LEAK (100 FT) -60		
(20)	0	0				
(20)	500	0		HYSTERESIS (75FT)		
(20)	1,000	0	(70) —	ALTITUDE	UP READING	DOWN READING
(25)	1,500	0		8,000	7985	7990
(30)	2,000	0	(70) —	10,000	9980	9985
(30)	3,000	0	(70) 20			
(35)	4,000	-10				
(35)	5,000	-20	(70) 20	BAROMETRIC SCALE ERROR (25 FT)		
(40)	6,000	-15		TOLERANCE	PRESSURE	ACTUAL
(60)	8,000	-15		(-1727)	28.10	-1730
(80)	10,000	-20	(80) 40	(-1340)	28.50	-1350
(90)	12,000	-25		(-863)	29.00	-870
(100)	14,000	-25		(-392)	29.50	-400
(100)	15,000	-25	(90) 60	0	29.92	0
(110)	16,000	-30		(+531)	30.50	+520
(120)	18,000	-46		(+893)	30.90	+890
(130)	20,000	-46	(100) 60	(+974)	30.99	+965

FEATURES  
 LIGHTS:  VIBRATOR:   
 ENCODER:

THIS SECTION NOT USED

Tested in compliance with FAR Part 43, Appendix E  
 Certified to 20,000 feet

Engine Logbook  
REVISED 10/15/18

**14 CFR PART 43, APPENDIX E PARAGRAPH (a) (c)  
INSPECTION SHEET**

Work Order Number	Registration	Tach	Hobbs
19128A	N792P5	1545.9	1627.3

(a) Static pressure system:

- (1) MB Ensure freedom from entrapped moisture and restrictions.
- (2) MB Perform a proof test to demonstrate the integrity of the static pressure system in a manner acceptable to the Administrator. For airplanes certificated under part 25 of this chapter, determine that leakage is within the tolerances established by §25.1325.
- (3) MB Determine that the static port heater, if installed, is operative.
- (4) MB Ensure that no alterations or deformations of the airframe surface have been made that would affect the relationship between air pressure in the static pressure system and true ambient static air pressure for any flight condition.

(c) MB Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test. The test must be conducted by an appropriately rated person under the conditions specified in paragraph (a). Measure the automatic pressure altitude at the output of the installed ATC transponder when interrogated on Mode C at a sufficient number of test points to ensure that the altitude reporting equipment, altimeters, and ATC transponders perform their intended functions as installed in the aircraft. The difference between the automatic reporting output and the altitude displayed at the altimeter shall not exceed 125 feet.

Mat Bryant  
SIGNATURE


3/5/2019  
DATE

Becker

e/n 0548-847-915

s/n 00236


DLK AVIATION  
2601 CESSNA LANE  
KENNESAW, GA 30144  
770-427-4954  
FAA REPAIR STATION #

REG. #: N792PS		DATE: 01-31-2020	
TACH: 1591.2	HOBBS: 1672.6	TT: N/A	
<p><b>AIRFRAME</b></p> <p>Updated IFD software from 9.3.3 to 9.4.1 IAW Avidyne service bulletin 601-00083-048. Removed Becker Transponder pn# ATC4401-2-250 sn# 00236 and Installed new Avidyne AXP322 sn# 09430 IAW Avidyne Corporation STC SA00401B0. Removed Data Link MLB-700 sn# M092861350 and Installed new Avidyne Skytrax 100B sn# M194667289 IAW Avidyne STC SA00352B0. Installed new PN# C1105-16 sn# 41595 UAT Antenna on belly of aircraft IAW instructions outlined in Cirrus service bulletin 2X-23-05 R1 for aft antenna installation. All work done using Avidyne document numbers 31-63-04, 31-63-01, Skytrax Installation Manual 600-00335-000 R1, IFD installation manual 600-00160-000 R19, Remote Transponder Installation manual 600-00312-000 R4. This installation is an Approved ADS-B position out source and ADS-B weather in source. Weight and Balance change negligible. Ground tested systems Ops OK ****END****</p>			
			
Mechanic <i>[Signature]</i> A: 269055 JA 850 Airport Rd, Box 7 Lawrenceville Ga 30045 770-962-9092			

Certificate number

Engine Logbook  
17827 10/21/20

Make: Cirrus Model: SR22 SN: 1872 Reg. No: N792PS Flight: 1591.2		Gwinnett Aero Maintenance 850 Airport Road Box 7 Lawrenceville, GA 30046 770-962-9092 <a href="http://www.GwinnettAero.com">www.GwinnettAero.com</a>
The following transponder MFR: Avidyne, MOD: AXP322, PN: 200-00269-00, SN: 09430, was tested and found to comply with 14 CFR Part 43 Appendix F. This aircraft is approved for return to service. Reference Gwinnett Aero Maintenance W/O No. L128 for details		
Signature: <i>[Signature]</i> Robin C. Rivera		DATE: 01/31/2020 FAA APPROVED CRS# 1GWR012C

REG. #: N792PS		DATE: 05-13-2020	
TACH: 1593.9	HOBBS: 1675.3	TT: 1593.9	
<p><b>AIRFRAME</b></p> <p>Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Lubricated all pulleys, control cables, push/pull rods, bell cranks and control hinge points. Jacked aircraft, cleaned, inspected and repacked all wheel bearings. Replaced nose tire and tube with new Condor 5.00x5 6ply tire and leakguard tube. Replaced both nose wheel pant brackets with new pn# 11799-004. Inspected fuel filter. Serviced battery and cleaned battery box. Replaced induction air filter with new BA-24. Installed new ACK E-04 ELT sn# 030964 hex code 2DC88 AF1E8 FFBFF. Checked ELT operation IAW FAR 91.207 (d). Checks OK. ELT battery expires 01-2025 remote switch battery exp. 03-2028, audio alert battery exp. 03-2027. No AD's due at this time. See AD compliance report with permanent aircraft records. "I certify this AIRFRAME has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." ****END****</p>			
			
Mechanic <i>[Signature]</i> A: 269055 JA 850 Airport Rd, Box 7 Lawrenceville Ga 30045 770-962-9092			

REG. #: N792PS  
 TACH: 1719.4  
 HOBBS: 1803.0  
 DATE: 07-02-2021  
 TT: 1719.4

**AIRFRAME**  
 Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Lubricated all pulleys, control cables, push/pull rods, bell cranks and control hinge points. Jacked aircraft, cleaned, inspected and re-packed all wheel bearings. Lubricated all grease points. Inspected fuel filter. Serviced battery and cleaned battery box. Replaced induction air filter with new BA-24. Checked ELT operation IAW FAR 91.207 (d). Checks OK. ELT battery expires 01-2025. Sent No 2 IFD out for repair/modification pn# 700-00083-000 sn# M092557705. R/R No.2 batteries with new PN# 50979-001. Inspected Nose LG upper gusset crack, checks OK, within limits. No AD's due at this time. See AD compliance report with permanent aircraft records. "I certify this AIRFRAME has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." \*  
 \*\*\*END\*\*\*



Mechanic *David Urmetz Jr.* A.P. 2670532A  
 850 Airport Rd, Box 7  
 Lawrenceville Ga 30045  
 770-962-9092

REG. #: N792PS  
 TACH: 1719.6  
 HOBBS: 1804.2  
 DATE: 07-13-2021  
 TT: N/A

**AIRFRAME**  
 Removed airspeed indicator and sent to Rudy Aircraft Instruments for overhaul. Reinstalled pn# EA5171 sn# T47556. Ops OK. \*\*\*\*END\*\*\*\*



Mechanic *David Urmetz Jr.* A.P. 2670532

Make: Cirrus Model: SR22 SN: 1872 Reg. No: N792PS Tach: 1719.6 Hobbs: 1804.		Gwinnett Aero Maintenance 850 Airport Road Box 7 Lawrenceville, GA 30046 770-962-9092 www.GwinnettAero.com
Accomplished 14 CFR Part 91.411 and 91.413 required tests and inspections IAW 14 CFR Part 43 Appendix E & F. Avidyne Altimeter PN: 700-00083-000, SN: M094075615. Altimeter pn# 700-00083-000 sn# M092557705. Altimeter pn# 5934AD-3 sn# 458860 certified to 20,000 feet. Transponder AXO322PN# 000745-00-05 SN#09430. This aircraft is approved for return to service. Refer to Gwinnett Aero Maintenance W/O No. 1193 for details.		
Signature <i>David Urmetz Jr.</i> David Urmetz Jr		DATE: 07-13-2021 FAA APPROVED CRS# 1GWR012C

REG. #: N792PS  
 TACH: 1744.3  
 HOBBS: 1830.9  
 DATE: 03-14-2022  
 TT: N/A

**AIRFRAME**  
 Replaced wing root wing protection film LH and RH sides P/N FAK-009/WR \*\*\*\*END\*\*\*\*



Mechanic *David Urmetz Jr.* A.P. 2670532

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Certificate Number

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Gwinnett Aero Maintenance LLC  
FAA CRS No. 1GWR012C  
850 Airport Rd  
Lawrenceville, GA 30046  
770-962-3092

FAR PART 91.411 AND 91.413 INSPECTION AND GROUND TEST

SCALE ERROR

SET ALTITUDE	PILOT ALTIMETER	CO-PILOT ALTIMETER	STANDBY ALTIMETER	SCALE TOLERANCE	SET ALTITUDE	PILOT ALTIMETER	CO-PILOT ALTIMETER	STANDBY ALTIMETER	SCALE TOLERANCE
1,000	0	-1	0	+20	1,000	-10	-20	-10	+70
0	-2	-2	-2	+20	2,000	-20	-10	-10	+70
500	0	0	0	+20	3,000	-20	-20	-20	+70
1,000	-5	-6	-7	+25	5,000	-15	-30	-15	+80
1,800	-8	-6	-4	+30	10,000	-30	-10	-10	+90
2,000	-3	-4	-1	+30	15,000	-10	-10	-10	+100
3,000	-5	-4	-5	+35	20,000	-10	-10	-10	+120
4,000	-11	-8	-10	+40	25,000	-10	-10	-10	+140
6,000	-17	-13	-17	+60	30,000	-10	-10	-10	+160
8,000	-22	-23	-22	+80	35,000	-10	-10	-10	+180
10,000	-23	-24	-23	+80	40,000	-10	-10	-10	+250
12,000	-23	-24	-23	+100	50,000	-10	-10	-10	
14,000	-28	-27	-28	+110					
16,000	-22	-25	-22	+120					
20,000	-32	-30	-32	+130					
22,000				+140					
23,000				+155					
30,000				+180					
35,000				+205					
40,000				+220					
45,000				+255					
50,000				+290					

FRICTION TEST

BAROMETRIC SCALE ERROR

Altitude	Pilot	Co-Pilot	Standby	Altitude Difference	Pilot	Co-Pilot	Standby
16,000	-28	-27	-28	+110	-10	-10	-10
16,000	-22	-25	-22	+120	0	-5	-10
20,000	-32	-30	-32	+130	-10	0	+5
22,000				+140	-10	0	+5
23,000				+155	+10	+5	-10
30,000				+180	-10	-5	-10
35,000				+205	0	0	+10
40,000				+220	+10	0	+10
45,000				+255	+10	+10	+10
50,000				+290	+11	+12	+11

AFTER EFFECTS

Tolerance ± 25	TOTAL	BEFORE	AFTER
PILOT	+30	930	950
CO-PILOT	+25	930	955
STANDBY	+21	940	961

CASE LEAK

PILOT	CO-PILOT
PASS FAIL	PASS FAIL
STANDBY	STATIC SYSTEM
PASS FAIL	PASS FAIL

HYSTERESIS

Tolerance	Altitude	UP READING	DOWN READING	Altitude	UP READING	DOWN READING	Altitude	UP READING	DOWN READING
+75	40%	-10	-11	40%	-10	-11	40%	-10	-11
+75	50%	-10	-11	50%	-10	-11	50%	-10	-11

Work Order Number	1193
Aircraft Registration Number	N792PB
Aircraft Serial Number	1872
AFTTHOBSTRACH	I 1719.6
	4 1804.2

Equipment	Part Number	Serial Number
Pilot Altimeter	700-00083-000	M04075615
Co-pilot Altimeter	700-00083-000	M042557705
Standby Altimeter	5934AD-3	458860
#1 Transponder	00745-00-05	09430
#2 Transponder		

AXP322

PRE-TEST VERIFICATION

Verify AD Compliance.	AD
Inspect/drain moisture from static system.	AD
Static port heater operative, if installed.	AD

POST-TEST VERIFICATION

Switch/circuit breakers back to normal configuration.	AD
Verify control freedom.	AD
Test adapter/envelope removed.	AD

Inspector Signature *[Signature]* Date 7-13-21

1. Approving Civil Aviation Authority/Country: FAA/United States		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:  54382	
4. Organization Name and Address: Rudy Aircraft Instruments Inc 4711 Old Bowman Rd. Rudy, Ar - 72952					5. Work Order/Contract/Invoice Number: 54382	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Propeller	EA5171	1	T47556	Overhauled	
12. Remarks:  Item <u>1</u> was <u>Overhauled</u> in accordance with component maintenance manual <u>86M030</u> Rev <u>7/28</u> complies with approved specifications						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
					R12R316K	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
			Michael McIntosh		12 Jul 2001	
<b>User/Installer Responsibilities</b>						
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.						



AIRCRAFT REG: N792PS  
 MFG: CIRRUS  
 MODEL: SR22  
 SERIAL: 1872  
 HOUR METER: 1832.4

DATE: 11-Jul-2022  
 WORK PACKAGE: P8343  
 TACH TIME: 1745.8  
 TOTAL TIME: 1745.8  
 CYCLES/LANDINGS: N/A

AD 2022-03-15, Fuel Quantity Indication, dated 21-Mar-2022 does NOT AFFECT this aircraft per para (c) of this AD. Affected STC's # SA01899WI and SA02658SE are not installed. No further action required.

AD 2009-26-01, Anti-Ice Fluid Distribution Lines, dated 21-Dec-2009 does NOT AFFECT this aircraft per para (c) of this AD. Aircraft S/N is 1872. No further action required.

AD 2009-05-05, Avidyne PFD's, dated 03-Apr-2009 does NOT AFFECT this aircraft per para (c) of this AD. PFD and MFD p/n 700-0083-000 currently installed. No further action required.

C/W AD 2007-14-03, CAPS Pickup Collar, dated 16-Aug-2007, by research of aircraft records. Per para (e) of this AD, Cirrus SBA2X-95-10R2 was completed by the installation of kit P/N 70181-001 on 05-Jun-2007 at 335.3 ACTT. No further action is required.

AD 2020-19-06, To Prevent Failure of the Idler Gear Bearing, dated 03-Nov-2020, does NOT AFFECT the installed Governor per para (c) of this AD. McCauley Governor P/N: C290 D3 R/T 23; S/N: 060462, was installed at engine manufacture (16-Feb-2006) and has not been removed for the purposes of

Page 1 of 2

maintenance described in McCauley ASB273C. No further action is required.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P8343.

Signed: Nathaniel Bishop NATHANIEL BISHOP  
 for Epps Air Service, Inc., ESMR6880, 1 Aviation Way, Atlanta, GA 30341

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AIRCRAFT REG: N792PS  
 MFG: CIRRUS  
 MODEL: SR22  
 SERIAL: 1872  
 HOUR METER: 1832.4

DATE: 11-Jul-2022  
 WORK PACKAGE: P8343  
 TACH TIME: 1745.8  
 TOTAL TIME: 1745.8  
 CYCLES/LANDINGS: N/A

Performed Customer Directed Pre-buy Inspection.

1. Performed Visual Inspection of Airframe with no discrepancies noted.
2. Performed Logbook Research.

Installed new Alt 1 wire p/n 16615-001, and new grommet p/n MS35489-10.

Removed old EMA controller p/n: 508358-421, s/n: A29AUG12-145. Installed new EMA controller p/n 508358-421, s/n: A07AAPR22-82, and performed operational check of system. No discrepancies noted. Next replacement due Apr-2029.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P8343.

Signed: Daniel Beauchamp DANIEL BEAUCHAMP  
 for Epps Air Service, Inc., ESMR6880, 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1

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# Scale Error Test

TEST POINTS EQUIVALENT PRESSURE TOLERANCE ALTITUDE ERROR IN FEET

ALTITUDE (FEET)	IN HG	MB	ALTITUDE ERROR (FEET)
-1,000	31.0185	1050.41	20
0 (SL)	29.9213	1013.25	20
500	29.3846	995.08	20
1,000	28.8557	977.17	20
1,500	28.3345	959.52	25
2,000	27.8210	942.13	30
3,000	26.9167	908.12	30
4,000	25.8418	875.10	35
6,000	23.9782	811.99	40
8,000	22.2249	752.62	60
10,000	20.5769	696.81	80
12,000	19.0293	644.41	90
14,000	17.5773	595.24	100
16,000	16.2164	549.15	110
18,000	14.9421	506.00	120
20,000	13.7501	465.63	130
22,000*	12.6363	427.91	140
25,000*	11.1035	376.01	155
30,000*	8.8854	300.89	180
35,000*	7.0406	238.42	205

Tested by: Aircraft Quality Instruments  
2649 S. Custer • Wichita, KS 67217  
Date: 10.13.23  
Altimeter No.: 8C240  
CRS # A20419J

Altitude Error: 10.13.23

50,000			
17,000			

Tolerance + 30	TOTAL	BEFORE	AFTER
PILOT	10	970	980
CO-PILOT	10	970	980
STANDBY	-	-	-

8C AC1 980 985

PILOT	STANDBY
PASS FAIL	PASS FAIL
CO-PILOT	STATIC SYSTEM
PASS FAIL	PASS FAIL

STANDBY	PILOT	CO-PILOT
-	-	-
-1.277	-	-
28.50	-1.340	-
28.00	-653	-870
28.50	-392	-400
28.92	6	10
30.60	+631	530
30.80	+893	890
30.98	+874	970

SCALE TOLERANCE	SEA ALTITUDE	PILOT ALTIMETER	CO-PILOT ALTIMETER	STANDBY ALTIMETER	SCALE TOLERANCE
+20	1,000				+20
+20	2,000				+20
+20	3,000				+20
+20	5,000				+20
+25	10,000				+25
+30	15,000				+30
+30	20,000				+30
+35	25,000				+35
+40	30,000				+40
+60	35,000				+60
+80	40,000				+80
+90	50,000				+90

## FRICTION TEST

TOLERANCE	ALTIMETER	UP READING	DWN READING
+75	PILOT	9980	9980
+75	CO-PILOT	9980	9980
	STANDBY		

## HYSTERESIS

CO-PILOT	PILOT
PASS FAIL	PASS FAIL
STATIC SYSTEM	STANDBY
PASS FAIL	PASS FAIL

## CAGE LEAK

STANDBY	PILOT	CO-PILOT
-	-	-
-1.340	-	-
28.50	-653	-870
28.00	-392	-400
28.92	6	10
30.60	+631	530
30.80	+893	890
30.98	+874	970

FAR PART 91.411 AND 91.413 INSPECTION AND GROUND TEST

Work Order Number	Aircraft Registration Number	Aircraft Serial Number	AFT/HOBS/TACH
1271	N72PS	1872	1840.1/1753.4

Equipment	Part Number	Serial Number
Pilot Altimeter	700-00083-000	M09405615
Co-Pilot Altimeter	700-00083-000	M09255705
Standby Altimeter	5934PAD-1	8C240
#1 Transponder	000745-0005	09430
#2 Transponder	-	-

R-9 R-9  
R-9 R-9  
UNITED  
AXP322

PRE-TEST VERIFICATION	INITIAL
Verify AD Compliance.	R
Inspect/drain moisture from static system.	R
Static port heater operative, if installed.	N/A

POST-TEST VERIFICATION	INITIAL
Switch/circuit breakers back to normal configuration.	R
Verify control freedom.	R
Test adapter/steape removed.	R

Inspector Signature \_\_\_\_\_  
Date 10-13-23