

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



PPG Industries, Inc.  
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC 92813

COLOR

COLOR

CLEAR

F3905

**Aircraft Log  
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**TC # A00009CH**

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Aero Products Corporation

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# AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. MAR, 07  
SERIAL NUMBER 2403 REGISTRATION NUMBER N950SE

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

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

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

OPERATOR \_\_\_\_\_

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

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

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

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

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

OPERATOR \_\_\_\_\_

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

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

## Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

OTHER

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

MAINTENANCE RESPONSIBILITY

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	IO-550N	R 690812
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-331F-1N	FP5483B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

1





# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT NO
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NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 9505E  
WORK ORDER 4488

## Troutdale Aircraft Services, Inc.

Repair Station No. T92R725Y  
1250 NW Penmeter Way  
Troutdale, OR 97060 USA  
Phone: 503-666-3638

DATE 5/5/2010  
A/C TSN 1615  
HOBBS 1615

### Airframe Entries

- 1 Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- 4 Cirrus - Tomado Alley - C/W TAT required 100 hour inspection per Tomado Alley Maintenance Manual, Report number 215-10.
- 14 Cirrus - I/C/A - C/W STEC 55 inspection IAW Cirrus Maintenance Manual Chapter 22-10 and Stec System 55X IB600.
- 16 Cirrus - I/C/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4.0
- 17 Cirrus - I/C/A - C/W Avidyne EXP5000/ EX5000C Inspection for Continued Airworthiness.
- 18 Cirrus - I/C/A - C/W Honeywell KGP560 (EGPWS) Enhanced Ground Proximity Warning System Inspection for Continued Airworthiness. Perform inspection IAW Honeywell KGP-560 Installation Manual Section 7.4
- 19 Cirrus - I/C/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4.3
- 20 Cirrus - I/C/A - C/W L3 TRC 497 Traffic system inspection for Continued Airworthiness. Perform inspection IAW L3 SKY497 Installation Manual Section 4.3
- 21 Cirrus - I/C/A - C/W inspection for continued airworthiness in accordance with Heads Up Technologies Inspection Form for XM weather / radio systems
- 22 Cirrus - I/C/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. IAW Section 2.5
- 23 Cirrus - I/C/A - C/W Garmin GTX327 Inspection for Continued Airworthiness. IAW Installation Manual Section A-3
- 24 Cirrus - Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.
- 25 Cirrus - Brake Caliper O-Ring Replacement. Replaced the brake caliper o-rings with new high temp o-rings.
- 26 Certify VOR system to FAR 91.171 for IFR operation.
- 27 Performed return to service flight and OK.
- 28 Cirrus - C/W SB 2X-32-19R2 Nose Landing Gear Assembly Inspection and Reinforcement dated February 25, 2010. Inspected nose landing gear. No cracks or other defects noted. Next inspection due at annual.

- 29 Cirrus - C/W SB 2X-05-01 Brake Assembly O-Ring Replacement Interval dated March 11, 2009 by installation of additional temperature indicator placards and insertion of temporary revisions into AFM Cirrus - C/W SB 2X-05-01 Brake Assembly O-Ring Replacement Interval. Replaced brake assembly o-rings with new and installed second temperature indication sticker.
- 31 TAT SB10-02 Tailpipe Hanger Inspection dated January 20, 2010. Installed new left and right tailpipe brackets.
- 32 C/W TAT SB10-01 Alternate Air door hinge pin inspection. No discrepancies found.
- 33 Updated #1 GNS430W to software service bulletin #0918 REV A.
- 34 Updated #2 GNS430W to software service bulletin #0918 REV A.
- 35 Replaced lower section of cowl to fuselage seal on LH lower cowl with new.
- 36 Installed new exhaust heat shield on wastegate inlet tube.
- 37 Installed new VHB tape to secure left horizontal stabilizer fairing.
- 38 Installed new well nut in left wing
- 39 Installed new shim-insulator on left brake caliper.
- 40 Installed new right inboard fuel level sending unit. leak check ok. Performed fuel level indicator calibration
- 41 Removed left and right ailerons to gain access to aileron up stops. Adjusted aileron up stops. Reinstalled ailerons. Rigged aileron/rudder interconnect. Work performed in accordance with Cirrus SR22AMM.
- 42 Performed dye penetrant inspection on nose strut fillet weld. Inspection revealed no defects.
- 43 Removed oxygen bottle for hydrostatic testing. Reinstalled oxygen bottle. System purged and leak checked no leaks noted.
- 44 Sent two flow meters and two mic masks for inspection. Received flow meters and masks from inspection.
- 46 Installed new magneto pressurization filter.
- 50 Replaced Nose gear fairing abrasion tape on nose cap.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Partinent details are on file at this repair station under the above work order number Chief Inspector Scott K. Kenney

DATE 5/5/2010

SIGNED:

Scott Kenney  
Certified Repair Station No. T92R725Y

Work Order: 4488

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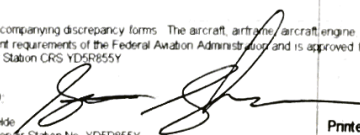




# MAINTENANCE RECORD

## F.A.R. 43.9

# MAINTENANCE RECORD

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DA COMF
4/30/2007	MAKE Cirrus MODEL SR22-G2 S/N 22-2403 REG NO 950SE WORK ORDER 8915-04-2707	 <b>Cirrus Design Factory Service Center</b> Repair Station No YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-789-3101	DATE: 4/30/2007 A/C TSN: 25.7 HOBBS: 25.3	
<p><b>Airframe Entries</b></p> <p>(1) Replaced #3 CHT sensor P/N 10578-001 IAW AMM 77-20 Ground run check good</p> <p>I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y</p> <p>SIGNED:  Scott Scheide Certified Repair Station No. YD5R855Y</p> <p>Work Order 8915-04-2707 Printed by EBis 3 (datcomedia.com)</p>				

MAKE Cirrus  
MODEL SR22 G3  
S/N 2403  
REG NO 950SE  
WORK ORDER 3220

**Troutdale Aircraft Services, Inc.**  
Repair Station No T9ZR725Y  
1250 NW Perimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 6/1/2007  
A/C TSN 25.7  
HOBBS 25.7

### Airframe Entries

- 1 Drive to Hillsboro to diagnose customer reported aileron trim system failure. Performed operation check of electric trim system and found no discrepancy. Flew aircraft to KTTD for further troubleshooting.
- 2 Cirrus - Performed 25 hour scheduled maintenance check per Tornado Alley report number 215-10.
- 3 Cirrus - C/W SB 2X-52-07 Cabin Door Rod End Replacement. Replaced pilot and co-pilots door rod ends.
- 4 Cirrus - C/W SB 2X-27-14R1 Rudder-Aileron Interconnect Modification. Installed modification kit.
- 5 Cirrus - C/W SB A2X-95-10 R2 CAPS Pick-up Collar Support Replacement. Inspected the CAPS pick up collar to make sure proper collar.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 6/1/2007

SIGNED

  
Scott Kenney  
Certified Repair Station No. T9ZR725Y

Work Order 3220

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MAKE Cirrus  
MODEL SR22 G3  
S/N 2403  
REG NO 950SE  
WORK ORDER 3260

**Troutdale Aircraft Services, Inc.**  
Repair Station No T9ZR725Y  
1250 NW Perimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 6/26/2007  
A/C TSN: 25.7  
HOBBS: 25.7

### Airframe Entries

- 1 Removed PFD, MFD, No 1 and No 2 GNS 430 to access connectors. Disassembled and inspected P732 and found all wiring in good condition. Reassembled P732. Cleaned all PFD, MFD and No 1 and No 2 GNS 430 connectors both on unit side and aircraft plug side. Reinstalled PFD, MFD, No.1 and No 2 GNS430 units. Operational check normal. Tested pilot/static system per FAR 43, Appendix E. That system met requirements of FAR 91.411 for non-pressurized aircraft.
- 2 Removed damaged Anti-Chafe Tape from RH flap and installed new Anti-Chafe tape.
- 3 Installed large area washer to the inside of the RH wheel pant with epoxy to prevent further elongation.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 6/26/2007

SIGNED

  
Scott Kenney  
Certified Repair Station No. T9ZR725Y

Work Order 3260

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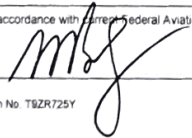


# MAINTENANCE RECORD

## F.A.R. 43.9

# MAINTENANCE RECORD

DATE 3/31/2008  
A/C TSN 68 3  
HOBBS 68 3

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE Cirrus MODEL SR22 G-2 S/N 2403 REG NO 950SE WORK ORDER 3574	Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Penimeter Way Troutdale, OR 97060 Phone 503-666-3838	DATE 3/27/2008 A/C TSN 68 3 HOBBS 68 3	
<b>Airframe Entries</b>			
Certify VOR systems to FAR 91 171 for IFR operation.			
Perform inspection IAW Cirrus Maintenance Manual Chapter 22-10 and Stec System 55X ICA.			
Perform inspection IAW Garmin GNS400W Series ICA Section 2 5			
Perform inspection IAW Garmin GTX327 Installation Manual Section A-3.			
Perform inspection IAW Avidyne Manual for ICA.			
Perform inspection IAW L3 WX500 Installation Manual Section 4 3			
Comply with Artex ME406 Inspection for Continued Airworthiness Section 4 0			
Adjusted primary pitch control cables to obtain proper tensions IAW AMM.			
Adjusted pitch trim servo clutch to meet specifications IAW Cirrus SR22 AMM Chapter 22-11 dated 15 Apr 2007 Operational check normal			
Upgraded No 1 GNS430 p/n 011-00280-10 s/n 97138722 Main Software to Ver 5 03 IAW Garmin SB 0706 Rev A dated October 18, 2007 Performed operational check IAW Garmin GNS430 Installation Manual Rev R dated November 2006 Operational check normal.			
Upgraded No 2 GNS430 p/n 011-00280-10 s/n 97138677 Main Software to Ver 5 03 IAW Garmin SB 0706 Rev A dated October 18, 2007 Performed operational check IAW Garmin GNS430 Installation Manual Rev R dated November 2006 Operational check normal.			
The aircraft and/or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number Chief Inspector Scott K. Kenney			
DATE 3/27/2008	SIGNED 		Work Order 3574
	Marc Belanger Certified Repair Station No. T9ZR725Y		Printed by EBIS 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 950SE  
WORK ORDER 3574

**Troutdale Aircraft Services, Inc.**  
Repair Station No. T9ZR725Y  
1250 NW Penimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

CO

### Airframe Entries

- I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- C/W TAT required 100 hour inspection per Tornado Alley Maintenance Manual.
- Replaced the brake caliper o-rings with new high temp o-rings
- Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.
- Perform return to service flight check
- C/W SB 2X-27-14 R3 Rudder-Aileron Interconnect Modification I/A/W accomplishment instructions.
- C/W AD 2008-03-16 Inspection of the rudder, aileron and rudder-aileron interconnect rigging dated 3/11/08 I/A/W Cirrus SB 2X-27-14 R3.
- C/W SB 2X-52-07 R4 Cabin Door Rod End Replacement I/A/W accomplishment instructions.
- C/W AD 2007-14-03 CAPS pickup collar support screws dated 8/16/07 I/A/W Cirrus SB A2X-95-10 R1, P/C/W on 6/1/07. See logs.
- C/W SB 2X-28-07 R1, Fuel check valve removal I/A/W accomplishment instructions.
- Installed new induction air inlet scat duct from induction air box to LH turbo compressor.
- Repositioned #1 cylinder drain line to prevent contact with inner cylinder baffle.
- Repositioned heat shield on RH engine mount at wastegate to prevent interference with wastegate control arm.
- Repositioned and secured LH turbo oil supply line by installation of adel clamp. Touched up paint on engine mount.
- Installed stand off between engine breather line and LH wastegate oil line manifold.
- Installed new RH tail pipe heat exchanger to cabin heat box duct.
- Fit and installed new LH wastegate support bracket and bolt below #2 cylinder.
- Replaced RH turbo support rod and bracket at #1 cylinder with new.
- Repositioned and secured magneto P-Leads at case back to prevent chafing.
- Replaced RH and LH tail pipe to turbo V-Band clamps with new.
- Repositioned RH tail pipe hanger to allow proper alignment of tail pipe and turbo flanges.
- Repositioned hose clamp on engine breather at oil filler neck to prevent chafing on engine baffle spring.

SERV

# MAINTENANCE RECORD

Replaced missing seal in one electrical connector at RH aft engine baffle.

D/COM

Replaced Aft LH engine baffle with new. Relieved upper flange on intercooler to allow clearance and prevent future damage.

Replaced broken rivet in baffle support at #2 cylinder.

Cleaned and installed new heat tape as needed on bottom of LH engine cowl.

Installed aft nose strut seal with new on bottom engine cowl.

Replaced missing cowl seal on lower RH/LH engine cowls.

Repositioned mounting clamp on LH induction air duct to allow clearance with inside of lower LH engine cowl. Fit cowl and OK.

Removed cracked landing light lens, installed new landing light lens.

Replaced fuel vent on LH side.

Adjusted pilot/co-pilot door latches.

Resealed upper RH corner of rear cabin window as needed.

Replaced pilot/co-pilot entry step non-skid with new.

Removed and cleaned old double sided tape from LH wing root area, installed new double sided tape as needed.

Sanded and painted flaking edge sealer as needed.

Removed old rebound bumper from nose gear & installed new rebound bumper assy.

Disassembled and inspected nose fork bushings and spindle cup due to high tension. Reassembled and adjusted torque IAW AMM.

Removed & Replaced LH & RH brake pads with new. Removed and replaced temp indicators with new. Inspected wheel assemblies, bearings and races under the AMM inspection criteria, no other damage found.

Tightened TKS hose supply b-nuts LH outbrd wing.

Installed anti-chafe tape on LH & RH inner wheel pant panel. Repositioned attach brackets to allow clearance between axle attach hardware and panels.

Touched up paint on LH flap chafing on flap cove near wing root area on leading edge.

Installed new anti-chafe tape on RH flap. Sanded and painted RH flap cove near wing root.

# MAINTENANCE RECORD

Sanded and painted Cracked paint and bondo at forward antenna position on bottom side of fuselage.

Accessed ant from under headliner removed antenna for paint work. Repaired and painted cracked bondo on fuselage at aft antenna position. Reinstalled aft antenna after paint and reinstalled headliner. Avionics ops check antenna ok.

Replaced throttle cable bracket at engine with new due to improper angle allowing cable housing to chafe into engine case. Adjusted throttle cable as necessary.

Comply with AD2008-06-28 - Not applicable due to serial number, no further action required.

The aircraft and/or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 3/31/2008

SIGNED

Scott Kenney  
Certified Repair Station No. T9ZR725Y

Work Order: 3574

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27

PROP MODEL  
PROP S/N  
REG NO 9505E  
WORK ORDER 3574

**Troutdale Aircraft Services, Inc.**

Repair Station No. T9ZR725Y  
1250 NW Penmeter Way  
Troutdale, OR 97060  
Phone: 503-666-3838

DATE 3/31/2008  
A/C TSN: 68.3  
PROP TT: 68.3  
HOBBS: 68.3

## Prop Entries

I certify that this Propeller has been inspected for 100 hour inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.

The aircraft and/or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 3/31/2008

SIGNED

Scott Kenney  
Certified Repair Station No. T9ZR725Y

Work Order: 3574

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MAINTENANCE RECORD

E A D 1 2 0

D  
CON

MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 9505E  
WORK ORDER 3741

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y  
1250 NW Perimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 8/7/2008  
A/C TSN: 83.3  
HOBBBS: 83.3

SERVICE

CO

Airframe Entries

Comply with Cirrus SB2X-34-24 R1 WAAS upgrade. This is a three part modification to comply SAFO 07004 and Cirrus SA07-10R1  
1 - Remove and replace the existing No 1 and No 2 Garmin GA56 GPS/WAAS antennas below the glareshield (FS110 3), P/N 011-00134-00, S/N off 59428738 and S/N off 59428740. Remove and replace existing Comant CI420-1 XM satellite antenna on top of the aircraft fuselage (FS 132 00) S/N off 157804. Install a new No 1 Comant GPS/WAAS/XM antenna P/N CI 428-410 S/N on 223837. Cirrus Kit P/N 70190-002 on the top of the aircraft fuselage skin (FS132 00) and a new No 2 Comant GPS/WAAS antenna P/N CI 428-200, S/N on 229981. Cirrus Kit P/N 70190-003, on the top of the aircraft fuselage skin (FS202 00) IAW Cirrus SB2X-34-24 R1. Antenna coax are connected to the existing GNS430W Navigators. Complete operational checks IAW Garmin installation Manual P/N 190-00643-01, Rev. D, Oct. 2007 and Cirrus SB2X-34-24 R1.  
2 - Comply with Avidyne SB601-00006-081 Rev 01. Replace the EXP5000 PFD p/n: 700-00006-000 s/n: 20018027 for factory exchange Avidyne EXP5000 PFD p/n: 700-00006-000 Rev 27 s/n: 21065184 SW 530-00194-000 Rev 01 Release 7.0, repaired by CRS#1VAR161B, WO#9002723 dated 7/23/08. Completed configuration and autopilot ground calibration procedure IAW Avidyne Entegra EXP5000 PFD Release 7 Installation Quick Reference Guide p/n: 600-00188-000 Rev 00 and Avidyne Entegra PFD IM P/N 600-00141-000 Rev 06. Pitot/Static system leak tested IAW FAR43 Appendix E (a2). Complete the magnetometer calibration, IAW Cirrus SR22 AMM, Chapter 34-20. Provide customer with updated Cirrus EXP5000 Primary Flight Display Pilot's Guide, P/N 600-00142-000 Rev 05 dated Oct 1, 2007.  
3 - Comply with Avidyne SB 601-00004-077 Rev 04. Update EX5000C P/N 700-00004-008 Rev 01, S/N 20008526, MFD to software with P/N 530-00195-100 Rev 02. Release 7.0.2 IAW Avidyne SB 601-00004-077 Rev 04. A new Avidyne EX5000C Pilot's Guide P/N 600-00108-00 Rev 07 dated 08/07, placed in the aircraft.  
4 - Comply with Garmin STC SA01933LA and the AML for Cirrus SR22 series aircraft. Remove the No 1 and No 2 Garmin Navigators for the factory upgrade, P/N 011-00280-10, S/N 97138722 and S/N 97138677. Re-install modified Garmin Navigators, CRS#G6XR582Y, WO#9502295 dated 7/22/08, P/N 011-01060-40, S/N 97138722 and 97138677. Main sw 3 11, GPS sw 3 1. The existing installation meets the requirements of Garmin STC SA01933LA, Garmin GNS430W Installation Manual P/N 190-00356-02 October 2007 Rev D and IAW AC43 13 1B/2A. Revised copies of the Garmin Pilot's Guide & Reference manuals placed in cockpit, 400W P/N 190-00356-00 Rev B.

Copies of the FAA-approved Garmin GNS 400W Series Airplane Flight Manual Supplement P/N 190-00356-03 Rev A were placed into the Pilot's Operating Handbook.

The Aircraft Weight and Balance Data and Aircraft Equipment List were amended. See the Pilot's Operating Handbook (AFM) for current weight and balance data. FAA Form 337 submitted.

Replace defective L3 Skywatch TCR497 P/N 805-10800-001, S/N off 84602, with a new L3 Skywatch TCR497, S/N 86113

Performed autopilot roll off flight check, adjusted aileron trim tab and performed additional flight checks and OK.

C/W Cirrus SA 08-14 - Inspection for propeller cracks on Hartzell composite blades. No defects found.

Buffed out and touched up nose wheel pant scratches.

C/W AD 2008-14-13 Cabin Door Rod End Replacement. Found work PCW IAW SB2X-52-07RA, dated 2/29/2008

Tightened all accessible static fittings and retest leak rate at 11 fpm.

Protect Skywatch antenna cables from chafing against chassis outboard edge with varglass.

Download Skywatch fault code diagnostics for Cirrus Field Support. Calibrate antenna after replacement processor installed.

Replaced intermittent Stec altitude xdcr P/N 0111, S/N off 0651-37756AA, S/N on 0705-37951AA, repaired by CRS#FF2R818K, WO#R000058177 dated Jun/26/2008; leak test static system IAW Cirrus Maintenance Manual Chapter 34. Performed autopilot flight check prior to and post installation of transducer. All autopilot functions OK.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 8/7/2008

SIGNED

Work Order: 3741

Scott Kenney  
Certified Repair Station No. T9ZR725Y

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MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 9505E  
WORK ORDER 3771

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y  
1250 NW Perimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 8/11/2008  
A/C TSN: 85.1  
HOBBBS: 85.1

Airframe Entries

Replace the EXP5000 PFD p/n: 700-00006-000 s/n: 21065184 for factory exchange Avidyne EXP5000 PFD p/n: 700-00006-000 Rev 37 s/n: 20061147 SW 530-00194-000 Rev 01 Release 7.0, repaired by CRS#1VAR161B, WO#9002941 dated 7/30/08. Completed configuration and autopilot ground calibration procedure IAW Avidyne Entegra EXP5000 PFD Release 7 Installation Quick Reference Guide p/n: 600-00188-000 Rev 00 and Avidyne Entegra PFD IM P/N 600-00141-000 Rev 06. Pitot/Static system leak tested IAW FAR43 Appendix E (a2). Complete the magnetometer calibration, IAW Cirrus SR22 AMM, Chapter 34-20.

Replaced No 2 Hobbs airspeed pressure switch IAW Cirrus Maintenance Manual Chapter 31. Pitot/Static system leak tested IAW FAR43 Appendix E (a2).

Disconnect and reconnect altitude transducer plug. Ground test and flight test passed.

The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 8/11/2008

SIGNED

Work Order: 3771

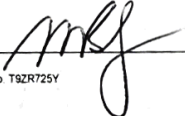
Scott Kenney  
Certified Repair Station No. T9ZR725Y



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# MAINTENANCE RECORD

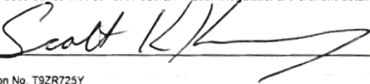
## F.A.R. 43.9



DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO SERVICE
MAKE Cirrus MODEL SR22 G-2 S/N 2403 REG NO 950SE WORK ORDER 3789	<b>Troutdale Aircraft Services, Inc.</b> Repair Station No T9ZR725Y 1250 NW Penmeter Way Troutdale, OR 97060 Phone 503-666-3838		DATE 8/21/2008 A/C TSN 86 4 HOBBS 86 4
<b>Airframe Entries</b>			
Re-configure Avidyne EX5000C MFD with the correct unit serial number Download Cmax charts, passed			
The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number Chief Inspector Scott K. Kenney			
DATE 8/21/2008	SIGNED: 	Work Order 3789	
	Marc Belanger Certified Repair Station No T9ZR725Y	Printed by EBIS 3 (datcomedia.com)	

ENGINE MODEL	ENGINE S/N	REG NO	WORK ORDER	AGENCY & CERTIFICATE NO
10-550-N46	690812	622AD	2740	DATE 5/22/2018 A/C TSN ENG TT TSMOH TACH 706 1
<b>Chuck's Aircraft, LLC.</b>  6200 Aviation Dr AC101 Austin Executive Airport Pflugerville, TX 78660 Phone: 512-610-3111				
<b>Engine Entries</b>				
Replaced starter adapter gasket, p/n 653470, and replaced fuel pump gasket, p/n 649982 Installed missing fuel pump hold down hardware, p/n 535847 and p/n MS35338-45 Replaced manifold pressure controller with PN 470688-9005, SN#KLN0022 overhauled by Aircraft Accessories of Oklahoma on WO S018-915, dated 15-May-2018 Rigged wastegate and slave wastegate IAW TAT 22-6460004 Replaced missing clevis pins AN416-2 Set up the fuel system IAW TCM M-0 section 6-4 and TAT 22-6460004 Set take off RPM to 2680 Drained oil, collected Blackstone oil sample and replaced filter, opened oil filter for inspection. Serviced with 100W oil. Ran up, checked for leaks, none noted				
Technicians Who Worked On The Items Listed Above: Chris Reeves, Chris Shaffer				
Described maintenance is airworthy with respect to work performed				
DATE 5/22/2018	SIGNED: 	Work Order 2740		
	Chris Reeves, A&P 3424570	Printed by EBIS 3 (datcomedia.com)		

# MAINTENANCE RECORD

## F.A.R. 43.9


MAKE	MODEL	S/N	REG NO	WORK ORDER	AGENCY & CERTIFICATE NO
Cirrus	SR22 G-2	2403	950SE	3870	DATE 10/24/2008 A/C TSN 105 8 HOBBS 105 8
<b>Troutdale Aircraft Services, Inc.</b> Repair Station No T9ZR725Y 1250 NW Penmeter Way Troutdale, OR 97060 Phone 503-666-3838					
<b>Airframe Entries</b>					
Replaced LH inboard fuel quick drain with new.					
Replaced protective aeroshield on top of LH wheel pant where stained.					
Removed alternator, inspected, and reinstalled. Removed MCU serial #01017 and replaced with new unit, serial #01315. Ops checked and OK.					
Cleaned TKS panels, carried out function check, and system found OK.					
Topped up TKS fluid as required					
Replace Avidyne EX500 MFD flash card with new, P/N 053-00195-120 Rev2 SW 530-00195-100 Rev 2 IAW Avidyne MM. Download NAV Data and CMAX data, reconfigure for Cirrus SR-22TN.					
The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number Chief Inspector Scott K. Kenney					
DATE 10/24/2008	SIGNED: 	Work Order: 3870			
	Scott Kenney Certified Repair Station No T9ZR725Y	Printed by EBIS 3 (datcomedia.com)			

PROP MODEL	PROP S/N	REG NO	WORK ORDER	AGENCY & CERTIFICATE NO
PC10-T6-P36EA	PHC-J3YF-1N	622AD	2740	DATE 5/22/2018 A/C TSN PROP TT TSPOH TACH: 705.1
<b>Chuck's Aircraft, LLC.</b>  6200 Aviation Dr AC101 Austin Executive Airport Pflugerville, TX 78660 Phone: 512-610-3111				
<b>Prop Entries</b>				
Removed and installed prop in proper orientation.				
Technicians Who Worked On The Items Listed Above: Chris Shaffer				
Described maintenance is airworthy with respect to work performed				
DATE 5/22/2018	SIGNED: 	Work Order: 2740		
	Chris Reeves, A&P 3424570	Printed by EBIS 3 (datcomedia.com)		



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	DATE
		<p><b>Troutdale Aircraft Services, Inc.</b>                      Repair Station No T9ZR725Y                      1250 NW Perimeter Way                      Troutdale, OR 97060 USA                      Phone: 503-666-3838</p> <p><b>Airframe Entries</b>                      Replace the Stec 55X programmer P/N 01192-34-61T-30, CPN 13560-002S, S/N off 0702-10929, S/N on 0646-10761, IAW Cirrus Maintenance Manual Chapter 22</p> <p>The aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney</p>	DATE: 12/5/2008 A/C TSN 134 4 HOBBS 134 4
		DATE: 12/5/2008 SIGNED:  Marc Belanger Certified Repair Station No T9ZR725Y	Work Order 3923 Printed by EBis 3 (datcomedia.com)

Troutdale Aircraft Services			
FAA Repair Station T9ZR725Y			
Altimeter Scale Correction Card			
Altimeter P/N: 007-00006-000			
S/N: 20061147			
Reference	Altimeter	Reference	Altimeter
Altitude in Ft	Reads	Altitude in Ft	Reads
-1000	990	14000	14010
0	10	15000	15010
500	510	16000	16010
1000	1010	18000	18020
1500	1510	20000	20020
2000	2010	22000	22020
3000	3010	25000	25020
4000	4010	30000	
5000	5010	35000	
6000	6010	40000	
8000	8010	45000	
10000	10010	50000	
12000	12010		
Tested by: <i>CV</i>		Date: 3/23/09	
Altimeter Position: 1			
Aircraft N#: 9503E		WO# 4016	

Troutdale Aircraft Services			
FAA Repair Station T9ZR725Y			
Altimeter Scale Correction Card			
Altimeter P/N: 5934A0-3			
S/N: 459744			
Reference	Altimeter	Reference	Altimeter
Altitude in Ft	Reads	Altitude in Ft	Reads
-1000	1000	14000	12960
0	00	15000	14960
500	500	16000	<del>15015</del> 15960
1000	1000	18000	17990
1500	1500	20000	20000
2000	2000	22000	22010
3000	3000	25000	25060
4000	4000	30000	
5000	4995	35000	
6000	5980	40000	
8000	7980	45000	
10000	9960	50000	
12000	11960		
Tested by: <i>CV</i>		Date: 3/23/09	
Altimeter Position: 2			
Aircraft N#: 9503E		WO# 4016	

# REPAIR RECORD

MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 9505E  
WORK ORDER 4016

## Troutdale Aircraft Services, Inc.

Repair Station No. T92R725Y  
1250 NW Penmeter Way  
Troutdale, OR 97060 USA  
Phone 503-666-3838

DATE 4/24/2009  
A/C TSN 136 5  
HOBBES 136 5

### Airframe Entries

Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.

Cirrus - Torn-Do Alley - C/W TAT 200 hour inspection per Tornado Alley Maintenance Manual, Report number 215-10

Cirrus - I/C/A - C/W STEC 55 inspection IAW Cirrus Maintenance Manual Chapter 22-10 and STec System 55X IB600

Cirrus - I/C/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4 0

Cirrus - I/C/A - C/W Avidyne EXP5000/ EX5000C Inspection for Continued Airworthiness.

Cirrus - I/C/A - C/W Honeywell KGP560 (EGPWS) Enhanced Ground Proximity Warning System Inspection for Continued Airworthiness. Perform inspection IAW Honeywell KGP-560 Installation Manual Section 7 4

Cirrus - I/C/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4 3

Cirrus - I/C/A - C/W L3 TRC 497 Traffic system Inspection for Continued Airworthiness. Perform inspection IAW L3 SKY497 Installation Manual Section 4 3

Cirrus - I/C/A - C/W inspection for continued airworthiness in accordance with Heads Up Technologies Inspection Form for XM weather / radio systems.

Cirrus - I/C/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. I/A/W Section 2 5

Cirrus - I/C/A - C/W Garmin GTX327 Inspection for Continued Airworthiness. I/A/W Installation Manual Section A-3

Cirrus - Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation

Cirrus - Brake Caliper O-Ring Replacement. Replaced the brake caliper o-rings with new high temp o-rings

Cirrus - Certify VOR system to FAR 91 171 for IFR operation.

Cirrus - 2 year life limited number 2 aux battery replacement. Replaced #2 Batteries per maintenance manual. Ops checked and OK

Cirrus - Complete Magnetic and Magnetometer calibration IAW Cirrus MM Chapter 34-20

Cirrus - Life Limited - TKS FILTER REPLACEMENT 2 year or 1200 hours life limited Installed a new Ice Protection System Filter

Certified altimeters, pitot/static systems, altitude reporting systems, and transponder systems to 20,000 feet for non-pressurized aircraft. Complied with FAR's 91 411 Part 43 Appendix (E) and 91 413 Part 43 Appendix (F) for IFR operation. Equipment List. United Standby Altimeter P/N 5934AD-3, S/N 459744, Garmin GTX-327 Transponder P/N 011-00490-00, S/N 83727394, ACK A-30 Altitude Encoder P/N A30 4, S/N 105279. Avidyne EXP5000 PFD P/N 700-00006-000, S/N 20061147.

Performed return to service flight check and OK.

C/W Precise Flight O2 system ICA, 50 hr. and annual items.

Complied with AD 2009-05-05 Avidyne Primary Flight Displays Effective date 4/3/09, Amendment 39-15440  
Supersedes AD 2008-06-28 R1. Not applicable due to serial number.

### DATA

Complied with Avidyne SB 601-00004-093 Rev 01 dated December 11, 2008, upgrade EX5000 MFD operating software to Release 8.0, Software P/N 530-00195-110 Rev 00. Provided a new Avidyne EX5000C Multifunction Display Pilot's Guide for Cirrus SR20/SR22 with Release 8 or later, P/N 600-00108-003 Rev 00 date October 30, 2008. Avidyne EX5000 P/N 700-00004-008, S/N 20008526

Complied with Garmin Service Bulletin No. 0848 Rev A, Upgrade No 1 GNS-430W Main Software to Version 3.20 and GPS Software to Version 3.2. Garmin GNS-430W P/N 011-01060-40, S/N 97138722

Complied with Garmin Service Bulletin No. 0848 Rev A, Upgrade No 2 GNS-430W Main Software to Version 3.20 and GPS Software to Version 3.2. Garmin GNS-430W P/N 011-01060-40, S/N 97138677

Complied with Garmin Service Bulletin No. 0809 Rev A, Upgrade Garmin GTX-327 transponder operating Software to Version 2.10. Garmin GTX-327 P/N 011-00490-00, S/N 83727394

Removed RH exhaust stack, and replaced with new Tornado Alley half-stamp exhaust kit P/N 22-6180002 complete with new turbo brackets, and new straight style tail pipe. Installation carried out IAW Tornado Alley kit instructions. Also replaced old style waste gate interconnect rod with new Tornado Alley interconnect cable kit P/N 22-5650008. Installation and rigging carried out IAW supplied kit instructions. Function checked, and OK.

Replaced both aileron inboard attach brackets with new, using new attach hardware. Adjusted and checked aileron rigging IAW MM.

C/W SB 2X-08-01 Delivered Weight and Balance correction.

Replaced LH collector tank fuel level transmitter with new. Calibrated LH fuel quantity indicating system IAW AMM.

Verified correct operation of cabin air control system

Replaced section of seal on left lower cowl.

Adjusted both cabin door latches IAW AMM.

Replaced both door seals with new. Trimmed interior pane's on lower forward door posts.

Removed both flap torque tubes, enlarged pass through hole on both sides to provide adequate clearance in fuselage. Polished out chafed area on torque tubes.

Rebonded 4 foot section of LH wing root fairing to fuselage.

Replaced static T fitting P/N 12738-111 and rubber transition hose P/N 12738-112 at the Airspeed switch. Repaired deformed static line at the static port T in the AFT fuselage and replaced nylon nut P/N 261N04. Performed leak test IAW FAR43 Appendix E (2).

Removed nose gear for magnaflux inspection due to possible crack. Magnafluxed - found OK. Reinstalled, nose strut IAW MM, reinstalled nose fork and wheel, ops checked for correct tension, and OK.

Installed new tires and tubes on both main gear. Balanced, repacked bearings, and reinstalled on aircraft.

Calibrated Stec Pitch Servo clutch IAW Cirrus Maintenance Manual Chapter 22

Affixed COSPAS-SARSAT sticker on ME406 ELT.

Removed LH engine baffle and replaced with new.

Placed the following Pilot Operating Handbooks in compliance with the Cirrus AFMS Section 9.

>Stec System Fifty Five X Pilot's Operating Handbook P/N 87247 1st Edition,

>Garmin 400W Series Pilot's Guide & Reference P/N 190-00356-00 Rev B,

>Garmin 400W/500W Series Optional Displays P/N 190-00356-31 Rev B,

>Garmin 400W/500W Series Display Interfaces P/N 190-00356-30 Rev B,

>Garmin 400 Series Pilot's Guide Addendum for Display Interface for Traffic and Weather Data P/N 190-00140-10 Rev D;

>L3 Skywatch Model SKY497 Pilot's Guide P/N 009-10801-001 Rev E

# INSPECTION RECORD

Complied with AD86-05-02 effective 5/28/1986, United Instrument Altimeter P/N 5934 series. Not applicable due to serial number, S/N 459744

DATE Replaced roll trim cartridge with new. Checked travels and adjusted aileron rudder interconnect.

Oxygen system serviced with ABO.

Replaced CHT probe on #3 Cylinder with new.

Replaced #5 EGT probe with new.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 4/24/2009

SIGNED

Scott Kenney  
Certified Repair Station No. T9ZR725Y

Work Order 4016

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MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 9505E  
WORK ORDER 4292

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y  
1250 NW Penmeter Way  
Troutdale, OR 97060 USA  
Phone 503-666-3838

DATE 10/6/2009  
A/C TSN 156 6  
HOBBS 156 6

### Airframe Entries

- 2 Inspected door latches and operating mechanism. Adjusted latches and strike pins for proper fit and operation.
- 3 Replaced LH door hold open cylinder end fitting with used serviceable part.
- 4 Function checked trim servos. Operation is normal. No abnormal noise externally or in audio system.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 10/6/2009

SIGNED

Eric Sveinsoe  
Certified Repair Station No. T9ZR725Y

Work Order 4292

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

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

49



# INSPECTION RECORD

MAKE Cirrus  
 MODEL SR22 G-2  
 S/N 2403  
 REG NO 9505E  
 WORK ORDER 4775

**Troutdale Aircraft Services, Inc.**  
 Repair Station No. T9ZR725Y  
 1250 NW Penimeter Way  
 Troutdale, OR 97060 USA  
 Phone: 503-666-3838

DATE 6/6/2011  
 A/C TSN 176  
 HOBBS 176

## Airframe Entries

- 1 Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- 4 Cirrus - Tomado Alley - C/W TAT required 100 hour inspection per Tornado Alley Maintenance Manual, Report number 215-10.
- 14 Cirrus - I/C/A - C/W STEC 55 inspection IAW Cirrus Maintenance Manual Chapter 22-10 and STec System 55X IB600
- 16 Cirrus - I/C/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4 0
- 17 Cirrus - I/C/A - C/W Avidyne EXP5000/ EX5000C Inspection for Continued Airworthiness.
- 18 Cirrus - I/C/A - C/W Honeywell KGP560 (EGPWS) Enhanced Ground Proximity Warning System Inspection for Continued Airworthiness. Perform inspection IAW Honeywell KGP-560 Installation Manual Section 7.4
- 19 Cirrus - I/C/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4.3
- 20 Cirrus - I/C/A - C/W L3 TRC 497 Traffic system Inspection for Continued Airworthiness. Perform inspection IAW L3 SKY497 Installation Manual Section 4 3
- 21 Cirrus - I/C/A - C/W inspection for continued airworthiness in accordance with Heads Up Technologies Inspection Form for XM weather / radio systems
- 22 Cirrus - I/C/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. I/A/W Section 2 5
- 23 Cirrus - I/C/A - C/W Garmin GTX327 Inspection for Continued Airworthiness. I/A/W Installation Manual Section A-3
- 24 Cirrus - Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.
- 26 Cirrus - Certify VOR system to FAR 91.171 for IFR operation.
- 27 Cirrus - 2 year life limited number 2 aux battery replacement. Replaced #2 Batteries. per maintenance manual, Ops checked and OK.
- 28 Cirrus - Complete Magnetic and Magnetometer calibration IAW Cirrus MM Chapter 34-20.
- 29 Cirrus - TKS FILTER REPLACEMENT 2 year or 1200 hours or on condition. Installed a new Ice Protection System Filter.
- 30 Certified altimeters, pitot/static systems, altitude reporting systems, and transponder systems to 20 000 feet for non-pressurized aircraft. Complied with FAR's 91.411 Part 43 Appendix (E) and 91.413 Part 43 Appendix (F) for IFR operation. Equipment List.
- 32 Cleaned RH rear horizontal inboard tks panel to remove wax and debris. OPS checked and OK.
- 33 Cleaned and tightened oil supply fitting on LH wastegate.

- 34 Installed a stand off between wire bundle and wastegate oil supply hose aft of oil cooler to prevent chafing.
- 35 Stop drilled crack in LH console panel and filled with epoxy
- 36 Cleaned and re glued bezel in LH console panel at all static source control.
- 37 Cleaned and re bonded front corner of RH rear armrest.
- 38 Secured loose wire to wire bundle under RH side of instrument panel.
- 39 Adjusted upper pilots side cabin door striker IAW AMM. Ops checked ok.
- 40 Blended corner of RH main gear attach clamp and touched up paint due to chaffing from upper leg fairing. Applied chafe protection on inside of fairing.
- 41 Replaced cushion on LH wheel pant upper attach bracket with new.
- 42 Replaced and resealed leaky screw in LH fuel sump panel. Painted head of screw. Leak checked and OK.
- 43 Cleaned and re bonded corner of LH rear armrest.
- 44 Replaced RH outboard fuel sending unit with new. Adjusted system IAW AMM. Leak checked and OK.
- 45 ELT battery was replaced, ELT was operationally tested in accordance with FAR 91 207 and OK for return to service.
- 46 Cirrus -Tornado Alley SA11-03: performed tasks in body of advisement. Supplied customer with document.
- 47 Pressurized cabin vent system and checked for operation due to report of air leak. Found poor connection on fresh air inlet duct at cabin fan inlet box. Repositioned duct and secured with hose clamp. Re checked and OK.

I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE 6/6/2011

SIGNED:

Scott Kenney  
 Certified Repair Station No. T9ZR725Y

Work Order: 4775

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INSPECTION RECORD

MAKE Cirrus  
MODEL SR22 G-2  
S/N 2403  
REG NO 950SE  
WORK ORDER 5028

Troutdale Aircraft Services, Inc.

1250 NW Penmeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 7/23/2012  
A/C TSN 186 6  
HOBBS 186 6

Airframe Entries

- 1 100 Hour - Airframe - I Certify that this Airframe has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service
- 4 Fabricated and installed patch on RH engine baffle at intercooler cutout
- 5 Replaced number 3 CHT probe with new Ops check ok
- 6 Adjusted Aileron stops to obtain proper clearance IAW AMM Checked travels and OK
- 7 Repositioned rubber insulator under O2 bottle fwd retaining strap
- 8 Replaced RH wing inspection panel with new
- 9 Installed main aircraft electrical battery with new Gill G-243

DATE 7/23/2012

SIGNED

*Scott Kenney*  
Scott Kenney, IA. 543760444 IA

Work Order 5028

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OUT

7777 NE Airport Way  
Portland, Oregon 97218  
FAA CRS#: FCPR831D



Log Entry Type: Airframe Reg#: N950SE Model: SR22 S/N: 2403  
Hobbs/Flight: 244.3/189.0 Date 10/9/13

Complied with the following inspections:

- Sqk Work Performed**
- 1.1 Completed annual inspection I/A/W FAR Part 43, Appendix D using Cirrus SR22 Scheduled Inspection Report AMM 5-20 dated 5-31-11 as a guide.  
Complied with 12 month cabin fire extinguisher inspection/weight check as required by NFPA-10  
Complied with 12 month ELT inspection/ check as required by FAR part 91.207. Battery expiration 11/2013
  - 1.2 Complied with Inspection of Garmin GNS430 I.A.W. ICA 190-00356-65 Rev B
  - 1.4 Inspected the Precise Flight built-in Oxygen System in accordance with Precise Flight ICA doc# 102NMAN0003, Rev. F. Annual inspection items.  
12 month Tornado Alley Turbo, Inc. annual inspection complied with I/A/W TAT Continued Airworthiness Manual #22-6460004, Rev. C.
  - 2.1 Performed hard landing inspection of nose and main gear I.A.W. SR22 B4 AMM 5-50

Complied with the following Airworthiness Directives and Service Bulletins:

- Sqk Work Performed**
- 1.3 Researched airworthiness directives through biweekly issue 2013-15. None outstanding.
  - 1.3 Complied with fuel pump inspection I.A.W. TAT SB 12-02. No defects noted.

Following repairs accomplished:

- Sqk Work Performed**
- 2.5 Replaced left gear inboard fairing P/N 15311-109 I.A.W SR22 AMM B4 32-10, 51-20
  - 2.6 Replaced Left gear upper fairing P/N 14538-001 I.A.W. SR22 AMM B4 32-10, 51-20
  - 2.7 Replaced Right gear upper fairing P/N 14538-002 I.A.W. SR22 AMM B4 32-10, 51-20
  - 2.8 Replaced Right Gear inboard fairing P/N 15311-110 I.A.W. SR22 AMM B4 32-10, 51-20
  - 2.9 Replaced right brake bleeder screw and cap P/N's 079-00300 (screw), 183-00100 (cap) I.A.W. SR22 AMM B4 32-42
  - 2.10 Replaced right gear upper fairing nuts P/N's 50802-001, 50803-001 I.A.W. SR22 AMM B4 32-10
  - 2.11 Replaced Nose wheel fork assembly P/N 14082-404 S/N 4788 with new P/N 14082-006 S/N 22-5083 I.A.W. SR22 AMM B4 32-20
  - 2.13 Replaced Nose gear fairing P/N 15312-001 I.A.W SR22 AMM B4 32-10, 51-20.
  - 2.14 Replaced left wing fuel vent P/N 15306-001 I.A.W SR22 AMM B4 20-10
  - 2.15 Replaced line cutters with kit 25347-002 I.A.W. CAPS CNM Rev 1 95-01-01
  - 2.16 Replaced Magneto pressurization filter P/N 04-670001 I.A.W. SR22 AMM B4 74-10

Date of mfg. 7-20-13  
S/N 4861  
4881

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-13-928. I certify that this work was performed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in accordance with the work performed. END

Flightcraft Portland CRS# FCPR831D:

*Joe Korick*  
Joe Korick for CRS# FCPR831D

Date: 10/09/13



# INSPECTION RECORD

## F.A.R. 43.11-91.409



N950SE

Cirrus SR22  
2403

August 15, 2013

Aircraft Hobbs: 0244.3 Aircraft Flight Time: 0191.8

24 month Certification of the #1 Pitot/Static Pressure Systems and the #1 Transponder System:

The #1 ADC, standby altimeter and Static Pressure Systems Test and Inspections and Automatic Pressure Altitude Reporting System required by Title 14 CFR Part 91.411, and the ATC Transponder Test and Inspection required by Title 14 CFR Part 91.413 have been performed and found to comply with Title 14 CFR Part 43, Appendices E and F.

#1 ADC (Avidyne PFD) P/N 710-00053-002 S/N 20061447 was tested to 20,000 feet on 08/15/2013.

Encoder ACK 30 S/N 105279 was tested to 20,000 feet on 08/15/2013

#1 Standby Altimeter P/N 5934AD-3 S/N 459744 was tested to 25,000 feet on 08/15/2013.

#1 transponder (GTX-327) P/N 011-00490-00 S/N 83727394 was tested on 08/15/2013.

The #1 Static Pressure System was Tested and Inspected to 20,000 feet on 08/15/2013.

Complied with FAR 91.207 12 month ELT Inspection. Operational test normal. ME 406 p/n 453-6603 s/n 1898. Battery p/n 452-6499, Exp Feb/2017.

I certify that this aircraft/appliance has been inspected in accordance with FAR Part 91.411, 91.413 and 91.207 and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under Work Order # 2ENPA

Signed

DUNCAN  
Q1 1207

For Duncan Aviation CRS # JQ04194F Phone: 503-287-7777

ENGINE MODEL 10-550N  
ENGINE S/N 690812  
REG NO 950SE  
WORK ORDER 5170

Troutdale Aircraft Services, Inc.

1250 NW Perimeter Way  
Troutdale, OR 97060  
Phone 503-666-3838

DATE 9/4/2014  
A/C TSN 194 2  
ENG TT 194 2  
TSMOH  
HOBBS 194 2

### Log Entries

- 1 Removed engine and sent to Premier Aircraft for prop strike inspection. Installed engine after return IAW AMM. Ops checked and found OK.
- 2 Replaced bushing in LH Turbo upper rod-support bracket due to worn condition.
- 3 Replaced upper rod for LH turbo support due to being worn beyond limits outlined in TAT SB11-03.
- 4 Replaced teflon heat shrink on RH turbo support rod where worn.
- 5 Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- 6 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.
- 8 Replaced broken RH brake shim-insulator.
- 11 Performed small 3/4" Composite repair to upper cowl in accordance with the structural repair manual.
- 12 Installed new reflective heat tape over landing light harness in lower engine cowl where ripped.
- 13 Replaced VOR antenna grommets due to being aged and cracking
- 14 Re-installed nut-cert fitting in lower LH MCU where it had fallen out.
- 15 Replaced loose adel clamp securing LH turbo oil supply line to engine mount weldment.
- 16 Replaced piece of dual-lock where missing from Co-pilot inboard interior panel.
- 17 Cirrus - Brake Assembly O-Ring Replacement Interval. Replaced brake assembly O-rings to comply with Cirrus recommended 5-year interval outlined in SB 2X-05-01
- 18 Removed Oxygen bottle P/N 1270152-3, s/n ALT 281-17908 and Regulator and sent to Precise flight for O/H of regulator and hydrostatic test of bottle. Installed hydrostatic tested bottle s/n ALT 281-19557 and O/H'd regulator after returned IAW Precise Flight ICA's. Serviced and leak checked system. Next due for Hydrostatic inspection August 2017.
- 20 Removed Cirrus Life-limited Inflatable Restraint System Electronic Module Assembly P/N 508358-421, s/n 15DEC06-53 and sent to AMSAFE for refurbishing. Installed refurbished Module s/n 14AUG14-8 and tested system and found OK. Next due Aug. 2021
- 21 Repositioned and secured alternator wire bundle where rubbing firewall below battery box mount.
- 22 Correctly re-attached harness for RH fwd overhead reading light where had been swapped with compass light at connector.
- 23 Replaced leaking Oxygen filler port check valve
- 24 Replaced missing foam that seals between intercoolers and baffles on both LH and RH sides.

Items listed above have been inspected and or repaired in accordance with current federal aviation regulations and were found OK for return to service. See actual work order for any discrepancies.

DATE 9/4/2014

SIGNED

Scott Kenney, IA 543760444 IA

Work Order: 5170

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MODEL SR-22  
S/N 2403  
REG. NO. N950SE  
WORK ORDER: 8932



22225 Yellow Gate Lane  
Aurora, OR 97002  
Phone: 503-678-6076

DATE: 4/6/2015  
A/C TSN: 204.1  
HOBBS: 204.1

DATE

**Airframe Entries**

Performed a technical appraisal inspection of the aircraft, propeller and engine. Engine compression tested per TCM SB 03-3, results: #1 75, #2 71, #3 72, #4 68, #5 66. #6 75/80 metered orifice reading of 46 PSI.  
Drained engine oil and S.O.A.P. sample taken.  
Serviced engine with 7 quarts of Aeroshell W100 mineral oil and installed new oil filter P/N CH48108-1 Ground run leak checks good.

Replaced #2 EGT probe with new, P/N 16579-002 per AMM 77-20

Realigned propeller TKS feed tubes IAW Cirrus SR-22 AMM 30-60.

Performed SB 2X-24-09 by installing a TVS fuse.

Performed SB 2X-25-19, inflatable restraint harness inspection no discrepancies noted.

Performed SB2X-27-16R2 by installing flap modification kit, pn 70255-002.

Performed 2 year TKS filter replacement with new, P/N 26115-101 per AMM 30-05.

Performed 2 year #2 Battery Replacement with new batteries, P/N 50979-001, per Cirrus SR-22 AMM 24-30. Ops check good.

Performed Precise Flight O2 annual ICA.

**Maintenance Release-**

The aircraft and/or component(s) on N950SE 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 Keystone Aviation under Work Order No. 8932.

DATE: 4/6/2015

SIGNED:

Inspector Robert Richards

CRS# K5S2339N

Work Order: 8932

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**Pacific Coast Avionics**

Registration: N950SE

Make: Cirrus

Model: SR22

S/N: 2403

Tach: N/A

CRS OPXR455L

Hobbs: 253.9

Replaced failed hour meter/airspeed differential switch with new, p/n 14128-001 as per Cirrus SR22 MM 31-30. Tested and found new switch operational.  
**Performed 14 CFR 91.411 certification of the altimetry system.** The Avidyne EXP5000 PFD s/n 20061147, Standby Altimeter, Altitude Encoder, and Pitot / Static systems were tested for error and found to be in compliance with the requirements listed in 14 CFR 43 Appendix E to a test altitude of 20,000 feet.

**Performed 14 CFR 91.413 certification of the Garmin GTX 327 ATCRBS, S/N 83727394** in accordance with 14 CFR 91.413 and found the system to comply with the requirements listed in 14 CFR 43 Appendix F.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Keystone Aviation, work order 10263.

Signature: Christopher Brand

4/6/2015

Date: 4/06/2015

DATE

MAKE: Cirrus  
MODEL: SR-22  
S/N: 2403  
REG. NO: N950SE  
WORK ORDER: 8932



Keystone Aviation  
22225 Yellow Gate Lane  
Aurora, OR 97002  
Phone: 503-678-6076

DATE: 4/6/2015  
A/C TSN: 204.7  
HOBBS: 204.7

**Airframe Entries**

Removed and replaced turbo Automatic Pressure Controller with Overhauled unit, P/N 470688-5, S/N off: KAN00525, S/N on: DJ0112. See 8130-3 dated 06/APR/2015 from Main Turbo Systems, Inc, Repair Station #MAMR190K. Adjusted Automatic Pressure Controller within spec. All maintenance performed per Tomado Alley ICA Doc #22-6460004.

Adjusted engine oil pressure as required.

**Maintenance Release-**

The aircraft and/or component(s) on N950SE 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 Keystone Aviation under Work Order No. 8932.

DATE: 4/6/2015

SIGNED:

Inspector Robert Richards

CRS# K5S2339N

Work Order: 8932

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**SkyWest Aviation Inc.**

N950SE

Cirrus SR22

S/N: 2403

April 15, 2015

- Replaced flap up relay and flap down relay with new PN's 50288-001. Ops check normal

Paul Armstrong

AP3154322

**SkyWest Aviation Inc.**

N950SE

Cirrus SR22

S/N: 2403

Hobbs: 310.8

May 5, 2015

- Replaced Oil filter with new PN CH48108-1 and Serviced Engine with Aeroshell 15W50 oil.
- Serviced Brake reservoir with 5606 Hydraulic fluid

Paul Armstrong

AP3154322

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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**INSPECTION RECORD  
F.A.R. 43.11-91.409**

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

**August 21, 2015**

N950SE      Cirrus SR22      SN: 2403      Hobbs: 385.1

- Replaced LH and RH MLG brake pads with new PN 006-06200 IAW MM.
- Replaced Oil filter with new PN CH48108-1 and serviced engine oil with Aeroshell 15W50 Oil.

Jennifer Willhelm *Jennifer Willhelm*      AP3708312

10-19-15	440.2	oil change ch48108-1 + 15W50 Shell King Duke
11-11-15	491.2	oil change ch48108-1 15W50 Shell King Duke
1-2-16	536.7	oil change ch48108-1 15W50 Shell King Duke

**CENTRAL TEXAS AVIONICS, Inc.**

217 CORSAIR DRIVE  
GEORGETOWN, TEXAS 78628

**LOG BOOK ENTRY**

REG # N930SE  
MODEL SR22

HOBBS 458.1  
S/N 2403

DATE: 10-20-2015  
MAKE: CIRRUS  
WORK PERFORMED:

REMOVED THE DEFECTIVE PULSE ANTENNA AND INSTALLED A NEW COMANT Q-101 ANTENNA AND THE TRANSPONDER SYSTEM TESTED GOOD THE APPLIANCES IDENTIFIED ABOVE WERE REMOVED, INSTALLED, INSPECTED, AND TESTED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND CURRENT FEDERAL AVIATION REGULATIONS THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. REFERENCE WORK ORDER #543 ON FILE FOR DETAILS OF WORK PERFORMED

CENTRAL TEXAS AVIONICS  
AA REPAIR STATION # C84R586N

**SkyWest Aviation Inc.**

**April 22, 2016**

N622AD      Cirrus SR226-2      SN: 2403      Hobbs: 583.6      TTAC: 583.6

- Complied with Annual Inspection IAW FAR 43 appendix D using the Grumman AA5B Maintenance Manual.
- Complied with inspection of the ELT IAW FAR 91.207 (d) and found it to be in satisfactory condition. Battery Expiration Feb 2017.
- Replaced All Valve cover gaskets with new PN 655705.
- Replaced NLG wheel pant Bracket with new PN 11799-004
- Serviced Brake Master Cylinder with 5606 Hydraulic Fluid
- Replaced All Spark Plugs with new PN RHB325.
- Replaced All Gami Injector O rings with new PNs X1473, 628556, & 640612.
- Replaced Main Battery with new PN 6243
- Serviced Oxygen system IAW MMM.
- Replaced Alternator garlock seal with new PN 25102.
- Replaced ITT Probe with new PN 86245.

I Certify that this Aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Paul Armstrong *Paul Armstrong*

AP3154322IA

638.0	6-20-16	Change Oil ch48108-1 15W50 Shell King Duke
686.9	9-23-16	Change Oil ch48108-1 15W50 Shell King Duke
739.5	1-2-17	Change Oil ch48108-1 15W50 Shell King Duke

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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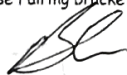
SkyWest Aviation Inc.

N622AD Cirrus SR22 SN: 2403

September 8, 2016

- Installed Tornado Alley Kit PN SI15-01
- Replaced Nose Fairing bracket with new PN 11799-004

Benjamin Carbajal



AP3681757

SkyWest Aviation Inc.

N622AD Cirrus SR22 SN: 2403

January 8, 2017

- Replaced Nose wheel Castle nut with new PN MS17826-8
- Replaced RH and LH Main Tires with new PN Tube 06-05300-1 and PN Tire 156E66-4
- Replaced RH and LR Wheel Fairing brackets with new PNs 17205-001 and 17205-002
- Replaced Nose Tire PN 505066-5 and tube P/N 06-05000,

Benjamin Carbajal



AP3681757

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE Cirrus  
MODEL SR22  
S/N 2403  
REG NO N622AD  
WORK ORDER: 200574



**Clear Star Aviation**

Repair Station No. 5CSR009B  
4765 Frank Luke Dr  
Addison, TX 75001  
Phone: 972-267-2376

DATE: 4/28/2017  
A/C TSN 694.4  
TACH: 694.4

**Airframe Entries**

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals. Inspected O2 system in accordance with the instructions for continued airworthiness document 102NMAN0003 Rev. E. Performed **ELT operational test per FAR 91.207(d), battery expiration date is FEB 2017.** Tightened co-pilot upper door hinge nut. Removed worn NLG rebound bumper and replaced with new P/N 18380-001. Installed new "GRAB HERE" placards. Removed and replaced broken L/H brake shim with new P/N 068-01100. Installed new tow bar erosion boots. Removed and replaced broken L/H MLG fairing bracket with new P/N 13522-001 bracket. Removed and replaced broken R/H MLG fairing bracket with new P/N 13522-001 bracket. Removed both L/H and R/H NLG fairing bracket and installed new P/N 11799-004 brackets. Installed chafe tape on LH wing trailing edge inspection panels as needed to prevent chafing. Installed chafe tape on RH wing trailing edge inspection panels as required to prevent chafing. Installed proper sized adel clamp on #5 intake for ALT #1 wire bundle. Installed new LH aileron gap seal. Installed baggage door hinge pin correctly and safety wired. Removed old R/H fuel sending unit and replaced with new P/N 13467-004 fuel sending unit. Refueled aircraft. Installed new right aft white nav light. Installed new landing light lens. Installed heat tape to lower cowlings as needed. Installed new cowl edge seal on top cowl. Applied chafe tape to NLG strut as required. Resealed L/H outboard fuel panel, leak check good. Removed L/H wing inboard fuel panel and installed new o-ring in fuel drain, resealed fuel panel, leak check good. Installed new rudder trim tab P/N 12934-002. Installed new P/N 12983-001, aileron-rudder interconnect shock cord.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/28/2017

SIGNED:

  
Longaker, Doug  
Certified Repair Station No. 5CSR009B

Work Order: 200574

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE Cirrus  
MODEL SR22  
S/N 2403  
REG NO N622AD  
WORK ORDER 200574

 **Clear Star Aviation**  
Repair Station No. 5CSR009B  
4765 Frank Luke Dr  
Addison, TX 75001  
Phone: 972-267-2376

DATE 4/28/2017  
A/C TSN 694 4  
TACH 694 4

### Airframe Entries

Complied with SB 2X-95-18R2. Removed CAPS parachute assembly S/N 02704 and rocket assembly S/N 2735. Installed new CAPS parachute P/N 25574-004-REB, S/N 0501R1. Next parachute repack due 04/18/2027. Re-installed removed CAPS line cutters which were manufactured 07/2013 and expire 07/2019. Installed new rocket assembly P/N 29500-003 S/N 2350. Rocket assembly was manufactured 03/30/2017 and expires 03/30/2027. Installed new ELT battery Expires Jan 2024. Installed new O2 service port cover P/N 102N0415-1. Complied with SB2X-28-12R1 Electric Fuel Pump Inspection. Replaced the ELT remote battery using P/N 2CR11108, next replacement is due MAR 2024.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/28/2017

SIGNED:

  
Longaker, Doug  
Certified Repair Station No. 5CSR009B

Work Order: 200574

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE Cirrus  
MODEL SR22  
S/N 2403  
REG NO N622AD  
WORK ORDER 200574

 **Clear Star Aviation**  
Repair Station No. 5CSR009B  
4765 Frank Luke Dr  
Addison, TX 75001  
Phone: 972-267-2376

DATE: 4/28/2017  
A/C TSN: 694 4  
TACH: 694 4

### Airframe Entries

Removed EMA controller P/N 508358-421 S/N 15DEC06-53, and installed EMA controller P/N 508358-421 S/N RA10MAR14-4, expires March, 2021.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/28/2017

SIGNED:

  
Longaker, Doug  
Certified Repair Station No. 5CSR009B

Work Order: 200574

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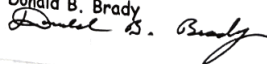
**DEER HORN AVIATION, LTD.**  
N622AD      Cirrus SR22

S/N: 2403

**June 21, 2017**  
Acft Flt HM: 727.4

1. Replaced the #2 batteries (2 each) with new, PN:50979-001. Next Replacement Due: June 21, 2019.

This aircraft is approved for return to service for the work performed. Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number M622AD02.

Donald B. Brady  


AP3474356

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

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

DATE	AIRCRAFT TIME	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
		UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION <b>STANDARD AIRWORTHINESS CERTIFICATE</b>	
1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N950SE	CIRRUS SR22	2403	NORMAL
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions: NONE			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate and the aircraft is registered in the United States.			
DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER	
April 2, 2007	<i>[Signature]</i>	ODARE-405228-CE	

**Duke Aviation**

N622AD Cirrus SR22 SN: 2403

- Removed Vinyl Identification Number N950SE and Installed new Vinyl sticker N622AD IAW 14 CFR Part 45.

Jennifer Carbajal *Jennifer Carbajal*

AP3708312

March 23, 2016

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
		N622AD - 1/5/2018 - 952,9 HOURS REMOVED SKY-TEC STARTER P/N C245T5, S/N 4C5-201405 AND INSTALLED NEW SAME S/N H-RO82071 FROM HARTZELL ENGINE TECH, W.D.# 11B120, TEST RAN AIRCRAFT AND ALL SYSTEM OPS CK GOOD. <i>Way M. Kamaya</i> AP3571345	
		1-18-18 OIL CHANGE Tempost 966.8 hrs Shell 15-40W AA 48108-2	
		<b>Duke Aviation</b> N622AD Cirrus SR22 SN: 2403 January 17, 2018 961.8 Replaced RH Magneto with New PN BL-500556-101 SN D17HA093R Benjamin Carbajal <i>BC</i> AP3681757	

INSPECTION RECORD  
F.A.R. 43.11-91.409

INSPECTION RECORD  
F.A.R. 43.11-91.409

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

April 23, 2018

N622AD

Cirrus SR22

SN: 2403

ACTT: 890.0

- Inspected and serviced aircraft IAW FAR 43 appendix D, serviced the aircraft using the Cirrus SR22 Maintenance Manual P/N 13773-001.
- Performed ELT operational test IAW FAR 91.207(d), no defects noted at this time.
- Replaced all brake pad with new P/N 066-06500
- Removed, inspected, and reassembled all 6 cylinders, replaced piston rings P/N 654716P005 and seals from kit P/N 646798A2, and preformed engine runs IAW TCM Overhaul Manual Publication M-16.
- Replaced Turbo oil return lines with new P/N AE1014035H0190 x2, AE1014036H0226.

I Certify that this Aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

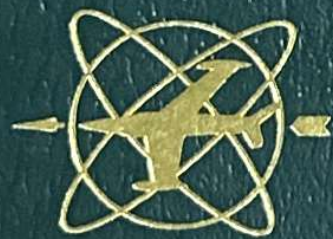
Benjamin Carbajal



AP3681757IA

This Log  
Book Closed

#2



*The Standard*

**AIRCRAFT LOG**

**ASA-SA-2**



The Standard Aircraft Log  
SA-2

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**ASA-SA-2**  
ISBN 978-1-56027-117-8

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Published by  
Aviation Supplies & Academics, Inc.  
7005 132nd Place SE  
Newcastle, WA 98059-3153  
Website: www.asa2fly.com  
Email: asa@asa2fly.com

Printed in the United States of America

02

TRANSPORTATION USD \$12.95

ISBN 978-1-56027-117-8



9 781560 271178

## Aircraft Record General Information

Manufacturer Cirrus Design Corp. Model SR-22  
Serial 2403 Registration Number N622AD  
Date of Manufacture Mar, 07

### Engine(s) currently installed:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

### Propeller(s) currently installed:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

**Registered Owner Record**

**Notes**

Name Joe Doran Address 16635 Cordillera dr,  
City Round Rock State Tx. From May, 2018 To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

YEAR 20 <u>19</u> DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

ENGINE MODEL  
IO-550-N45  
ENGINE S/N: 690812  
REG NO: 522AD  
WORK ORDER: 2937



**Chuck's Aircraft, LLC.**  
6200 Aviation Dr AC101  
Austin Executive Airport  
Pflugerville, TX 79660  
Phone: 512-610-3111

DATE: 8/20/2018  
A/C TSN  
ENG. TT  
TSMOH  
TACH: 9426

**Engine Entries**

Drained oil and replaced filter. Opened old filter for inspection. Serviced with Aeroshell W100. Ran up, checked for leaks, none noted.

Technicians Who Worked On The Items Listed Above  
Zach Young

Described maintenance is airworthy with respect to work performed.

DATE: 8/20/2018

SIGNED:

Chris Shaffer, A&P 3502176

Work Order 2937

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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN# 2403

Date 8/30/2018

ACTT:

HRM: 948.4

1. Removed battery and replaced with a new battery PN# G243

This aircraft is approved for return to service in regards to work performed.

Bradley D Gray A&P 3135226

YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks



**ACS Avionics, LLC**  
510 S Hangar Drive  
Georgetown, TX 78628  
512-352-6525 www.acsatx.com  
CRS # WCHR539X

Work Order: C3822  
Registration #: N622AD  
Model: SR22  
Serial Number: 2403  
Hobbs/TT: 953.1

**1. Altimeter Certification**

I certify that the altimeter system and altitude reporting equipment has been tested as required by 14 CFR PART 91.411 and was found to comply with PART 43 Appendix E.

Tested  
Tested

PFD  
Altimeter

P/N: 700-00006-000  
P/N: 5934AD-3

S/N: 20061147  
S/N: 499T44

Tested to 20k feet  
Tested to 20k feet

**2. Transponder Certification**

I certify that the ATC Transponder(s) has been tested as required by 14 CFR PART 91.413 and was found to comply with PART 43 Appendix F.

Tested

GTX 327

P/N: 011-00490-00

S/N: 83727394

Mode A/C

**Maintenance Release:** The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: C3822.

Inspector's Signature:

FAA CRS # WCHR539X

Date: September 19, 2018

9-30-18 KTPL Ground checkpoint VOR 1 Error: 0 VOR 2 Error: 0 Connor Kelly

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN#

Date 11/2/2018

ACTT:

HRM: 1082.6

1. Change the oil and filter. Serviced with Acroshell W100 and new filter AA48108-2 And 1 pint of cam guard. Cut open the oil filter and inspected.
2. Installed the nuts on the 7th stud in between the 2,4,6 cylinders and torqued
3. Adjusted the oil pressure up 1 turn
4. Replaced the #6 CHT probe with a new probe PN# 16578-001

This aircraft is approved for return to service in

regards to Work performed

*Bradley D. Gray*  
Bradley D. Gray A&P 3155226

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ACS Avionics, LLC**

510 S. Hangar Drive  
Georgetown, Texas 78628  
(512) 352-6525 • www.acsatx.com

CRS # WCHR539X

Work Order: I4281

Registration #: N622AD

Model: SR22

Serial Number: 2403

Hobbs/TT: 1112.6

**1. Remove existing Avionics necessary to facilitate new equipment installation**

Removed existing avionics necessary to facilitate new equipment installation

Removed GTX 327 P/N: 011-00490-00 S/N: 83727394

**2. Install Garmin GTX 345 Transponder**

Installed Garmin GTX345 ADS-B Transponder on lower center pedestal. Reconfigured GNS430W's to add ADS-B with TCAS. Work performed in accordance with Garmin Installation Manual. Functional check performed satisfactory.

Installed GTX 345 Transponder P/N: 011-03302-00 S/N: 3EG026019

**3. Rearrange Stack to allow for depth of GTX345 Transponder and Re-route wiring for EX5000 and TCAS**

Rearranged and rerouted center pedestal to accommodate new installed GTX345 Transponder

**4. Install Garmin Flight Stream 210**

Installed Flight Stream 210 behind cockpit panel and connected to existing Garmin GNS430W. Functional check performed satisfactory.

Installed Flight Stream 210 P/N: 011-03257-40 S/N: 3RE007844

**5. Customer requests #2 GPS antenna to be replaced**

Replaced GPS Antenna IAW AC 43.13-2B Chapter 3. No discrepancies noted.

Removed GPS Comdat Antenna P/N: CI 428-200 S/N: 229981  
Installed GPS Comdat Antenna P/N: CI 428-200 S/N: 536584

**Maintenance Release:** The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order I4281

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Inspector's Signature:



FAA CRS # WCHR539X

Date: February 27, 2019

**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN#2403

Date 4-22-2019

ACTT:1004.2

Flight HRM: 1004.2

Tach:1004.2

1. Lubed hinge & pivot points
2. Checked tensions & travels
3. Serviced brakes battery & tires
4. C/W FAR 91.207d ELT inspection battery due 1-2024 remote switch battery due 3-2024
5. Installed 2 new brake rotors P/N RA164-02504
6. Installed 8 new brake pads P/N 066-06200 & 8 new backing plate pins P/N 177-00300
7. Installed new brake caliper O rings P/N MS28775-222
8. Installed 2 new MLG tire tubes P/N 302-246-401 & flipped tires on wheels
9. Installed new exhaust nut P/N MS20500-428
10. Installed 4 new well nuts P/N 2804 & 2 P/N 2806 for landing gear fairings
11. Cleaned air filter
12. Installed 2 new air bag inflator bottles P/N 20902-005 & 2 new wiring harnesses P/N 20902-006
- In pilot & co pilot seat backs date of Mf 12-2018
13. Lubed all wheel bearings
14. All routine maintenance C/W

I certify that this aircraft has been inspected in accordance with an annual inspection  
 In accordance with part FAR 43 appendix D and was determined to be in airworthy condition.  
 This aircraft is approved for return to service in  
 regards to Work performed.

  
 David McCoy AP 3615278 IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN# 2403

Date 7/23/2019

1. Changed oil and filter. Serviced with aeroshell W100 and a new filter AA48108-2  
Added camgaud. Cut open the filter and inspected. Ground run leak check satisfactory

This aircraft is approved for return to service in  
regards to work performed

*Bradley D Gray*  
Bradley D Gray A&P 3135226

ACTT:  
HRM: 1053.6

**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN# 2403

Date 12-24-2019

Changed oil & filter serviced with 8 Qts A/SW100 new filter AA48108-2

Ground ran engine no leaks noted.

This ENGINE was returned to service in regards to work performed.

*David McCoy*  
David McCoy AP 3615278

ACTT:  
Tach:  
H.M.1103.5

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN#2403

Date 12-27-2019

Installed new RH MLG tire P/N 072-449-0 and serviced.

This aircraft was returned to service in regards to work performed.

*David McCoy*  
David McCoy AP 3615278

ACTT:  
Tach:  
H.M.1103.5

MAKE Cirrus Design Corp  
MODEL SR22  
SN 2403  
REG NO 622AD  
WORK ORDER 3696



**Chuck's Aircraft, LLC.**

6200 Aviation Dr AG101  
Austin Executive Airport  
Pflugerville, TX 78660  
Phone 512-610-3111

DATE: 2/25/2020  
A/C FSN:  
TACH: 1116.4

**Airframe Entries**

Installed CAPS reefing line cutters with kit P/N 25347-002, manufacture date of 11/2019 for both, per Cirrus AMM Chapter 95-10.

Technicians Who Worked On The Items Listed Above  
Robert McBride, Jr.

Described maintenance is airworthy with respect to work performed.

DATE 2/25/2020

SIGNED

*Robert McBride, Jr.*

Work Order: 3696

Robert McBride, Jr. A&P: 2710158

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN#2403

Date 5-1-2020

1. Lubed hinge & pivot points
2. Checked tensions & travels
3. Serviced brakes battery & tires
4. C/W FAR 91.207d ELT inspection battery due 1-2024
5. Cleaned air filter

6. Lubed wheel bearings

7. C/W 500 Hr #1 alternator brush inspection & installed new brush block P/N ALE-3045BS

Next due ACTT 1623.3

8. C/W 2 Yr #2 batteries replacement installed 2 Ea P/N NP7-12T next due 5-2022

9. Installed new O2 bottle with O.H. regulator bottle due hydro 5-2025 bottle due Replacement 5-2035 serviced to 1850 PSI

10. Installed new LH MLG tire P/N 070-449-0 & balanced

11. Cap check main battery to 97%

12. All routine maintenance C/W

I certify that this aircraft has been inspected in accordance with an annual inspection  
In accordance with part FAR 43 appendix D and was determined to be in airworthy condition.

This aircraft is approved for return to service in

regards to Work performed.

  
David McCoy AP 3015278 IA

ACTT: 1123.3

HRM: 1123.3

Tach:

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

ACTT:

SN# 28R-7803169

Tach: 1167.4

Date 1-4-2021


1. Changed oil and filter serviced with Aeroshell W100 and a new filter PN# AA48108-2

Cut open old filter and inspected. Ground run leak check satisfactory.

2. Removed and replaced TIT probe PN# 86245

This aircraft is approved for return to service in

regards to Work performed.

  
Bradley D. Gray A&P 3135226

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)	YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN# 2403

Date 6/4/2021

ACTT: 1193.8

HRM:

Tach: 1193.8

1. Researched all applicable Ads
2. Complied with FAR 91.207 d elt inspection Battery due 1-2024
3. Serviced the oxygen
4. Installed a new EMA control module PN# 50835-421 next due replacement 3/2028
5. Complied with 12 month fire extinguisher weight check
6. Complied with 12 month main battery cap check
7. Replaced the RH brake caliper insulator PN# RA068-01100
8. Complied with 5yr brake caliper oring replacement and bled the brakes
9. Complied with all routine maintenance

I certify that this aircraft has been inspected in accordance with an annual inspection  
In accordance with FAR part 43 appendix d and was determined to be in airworthy condition.

This aircraft is approved for return to service in

regards to Work performed

  
Bradley D Gray A&P 31352261A

**B&G Aviation LLC**

Georgetown Texas 78628 ph 512-864-7632

N622AD

SN# 2403

Date 6/14/2022

ACTT: 1225.7

HRM:

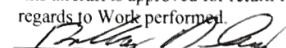
Tach: 1225.7

1. Researched all applicable Ads
2. Complied with FAR 91.207 d elt inspection Battery due 1-2024
3. Serviced the oxygen
4. Complied with 12 month fire extinguisher weight check
5. Complied with 12 month main battery cap check
6. Complied with 24 month #2 battery replacement, by installing new batteries
7. Replaced the LH aileron gap seal
8. Cleaned the air filter
9. Complied with all routine maintenance

I certify that this aircraft has been inspected in accordance with an annual inspection  
In accordance with FAR part 43 appendix d and was determined to be in airworthy condition.

This aircraft is approved for return to service in

regards to Work performed

  
Bradley D Gray A&P 31352261A

ACR ELECTRONICS, Inc.  
ARTEX PRODUCTS - CAGE Code: 18560  
Fort Lauderdale, FL 33312  
ME406 LITHIUM BATTERY PACK MnO2  
PART NO: 452-6499 REV: G  
TSO C126 S.N.:1001912-050  
EXPIRATION DATE: Sep /2030 DO-227  
ENV CAT D1XBC[204][204]XR0000CZAZ[204]H[0000]00X





