

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELETYPE CONTINENTAL MOTORS	T0-550A	R 690812
ENGINE			L
PROPELLER			R
PROPELLER	HARTZELL PROPELLER INC.	71C-331F-IN	FP54183B
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MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

DATE

SERIAL NO.

MODEL

MANUFACTURER

EM

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ENGINE

PROPELLER

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PROPELLER

2/19/07

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THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT SA01708SE



on 2/19/07

CDC
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

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.

Life Limited Parts SR22


PART NAME	PART NUMBER	EXPIRES
CAPS Rocket Motor	15047-001 S/N 2735	05/16
CAPS Parachute	20331-001 S/N 02704	01/17
CAPS Reefing Line Cutters	5212 LOT T0506K 003-038	11/12
Oxygen Bottle Assembly	100N0020-4 MFG Date 11/06	11/2021
ELT Battery Pack	452-6504 Date Installed 02/07	DEC 2011
EMA Controller, AAIR	20902-001 S/N 15DEC06-53	DEC 2013
Pilot Seat Inflator Assy, AAIR	20902-002 S/N AA51 266T 20064	11/1 2014
Co-Pilot Seat Inflator Assy, AAIR	20902-002 S/N AA61 223T 30045	9 11 2013

SEE LOG ENTRY 10-9-13

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
						DATE: 5/5/2010 A/C TSN: 161.5 HOBBS: 161.5
<p>Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3638</p>						
<p>one Entries</p> <p>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.</p> <p>Cirrus - Tomado Alley - C/W TAT required 100 hour inspection per Tomado Alley Maintenance Manual, Report number 215-10.</p> <p>Cirrus - I/C/A - C/W STEC 55 inspection IAW Cirrus Maintenance Manual Chapter 22-10 and Stec System 55X IB600.</p> <p>Cirrus - I/C/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4.0</p> <p>Cirrus - I/C/A - C/W Avidyne EXP5000/ EX5000C inspection for Continued Airworthiness.</p> <p>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</p> <p>Cirrus - I/C/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4.3</p> <p>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</p> <p>Cirrus - I/C/A - C/W inspection for continued airworthiness in accordance with Heads Up Technologies Inspection Form for XM weather / radio systems.</p> <p>Cirrus - I/C/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. I/A/W Section 2.5</p> <p>Cirrus - I/C/A - C/W Garmin GTX327 Inspection for Continued Airworthiness. I/A/W Installation Manual Section A-3</p> <p>Cirrus - Airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.</p> <p>Cirrus - Brake Caliper O-Ring Replacement. Replaced the brake caliper o-rings with new high temp o-rings.</p> <p>Certify VOR system to FAR 91.171 for IFR operation.</p> <p>Performed return to service flight and OK.</p> <p>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.</p>						

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.
29							
<p>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.</p>							
31							
<p>TAT SB10-02 Tailpipe Hanger Inspection dated January 20, 2010. Installed new left and right tailpipe brackets.</p>							
32							
<p>C/W TAT SB10-01 Alternate Air door hinge pin inspection. No discrepancies found.</p>							
33							
<p>Updated #1 GNS430W to software service bulletin #0918 REV A.</p>							
34							
<p>Updated #2 GNS430W to software service bulletin #0918 REV A.</p>							
35							
<p>Replaced lower section of cowl to fuselage seal on LH lower cowl with new.</p>							
36							
<p>Installed new exhaust heat shield on wastegate inlet tube.</p>							
37							
<p>Installed new VHB tape to secure left horizontal stabilizer fairing.</p>							
38							
<p>Installed new well nut in left wing.</p>							
39							
<p>Installed new shim-insulator on left brake caliper.</p>							
40							
<p>Installed new right inboard fuel level sending unit. leak check ok. Performed fuel level indicator calibration</p>							
41							
<p>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.</p>							
42							
<p>Performed dye penetrant inspection on nose strut fillet weld. Inspection revealed no defects.</p>							
43							
<p>Removed oxygen bottle for hydrostatic testing. Reinstalled oxygen bottle. System purged and leak checked no leaks noted.</p>							
44							
<p>Sent two flow meters and two mic masks for inspection. Received flow meters and masks from inspection.</p>							
46							
<p>Installed new magneto pressurization filter.</p>							
50							
<p>Replaced Nose gear fairing abrasion tape on nose cap.</p>							
<p>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</p>							
DATE: 5/5/2010						SIGNED: 	
						Work Order: 4488	
						Printed by EBis 3 (datamedia.com)	

MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME IN SERVICE
 MAKE: Cirrus
 MODEL: SR22-G2
 S/N: 23-2403
 REG NO: 950SE
 WORK ORDER: 8915-04-2007

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED
Cirrus Design Factory Service Center
 Repair Station No. YD6R855Y
 4515 Taylor Circle
 Duluth, MN 55811
 Phone: 218-788-3101

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE
 DATE: 4/30/2007
 A/C TSN: 18 8
 HOBBS: 18 8

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

Airframe Entries
 (1) Replaced #3 CHT sensor P/N 10578-001 IAW AMM 77-20. Ground run check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, 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 YD6R855Y.

DATE: 4/30/2007
SIGNED:
 Scott Schelde
 Certified Repair Station No. YD6R855Y

DATE: 6/1/2007
SIGNED:
 Scott Kenney
 Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

Work Order: 8915-04-2007

Work Order: 3220

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

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

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

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 - CW SB 2X-52-07 Cabin Door Rod End Replacement. Replaced pilot and co-pilots door rod ends.
- 4 Cirrus - CW SB 2X-27-14R1 Rudder-Aileron Interconnect Modification. Installed modification kit.
- 5 Cirrus - CW 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
Printed by EBis 3 (datcomedia.com)

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

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 pitot/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
Printed by EBis 3 (datcomedia.com)

DATE: 6/1/2007
 A/C TSN: 25 7
 HOBBS: 25 7

DATE: 6/26/2007
 A/C TSN: 25 7
 HOBBS: 25 7

MAINTENANCE RECORD

Troutdale Aircraft Services, Inc.

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

DATE: 7/30/2007
A/C TSN: 35
HOBBS: 35

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 3394

MAINTENANCE RECORD

Troutdale Aircraft Services, Inc.

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

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 3394

DATE: 9/26/2007
A/C TSN: 44
HOBBS: 44

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 3394

Entries


performed visual inspection of turbo charger Data plate per Kelly Aerospace SB 027. Turbo chargers installed on aircraft are not affected per SB. RH Turbo serial number is KBN00634. LH Turbo serial number KBN00047. No further action required in accordance with SB 26 REV A.

inspected RH flap cove area. sanded down inboard lip to allow proper flap retraction and proper clearance when retracted. Removed damaged chafe tape and installed new chafe tape strip.

performed pickup and delivery of aircraft to customer.

it 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 work order number. Chief Inspector Scott K. Kenney

30/2007

SIGNED:  Work Order: 3316
Printed by EBis 3 (datcomedia.com)

SIGNED:  Work Order: 3394
Printed by EBis 3 (datcomedia.com)

Cirrus
SR22 G-2
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838
ORDER: 3325

DATE: 9/7/2007
A/C TSN: 44
HOBBS: 44

Troutdale Aircraft Services, Inc.

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

Time Entries

Removed thrust washer, bellville washers upper and lower nose fork bearings, nose fork spindle nut from the nose gear and replaced with new ones. Adjusted nose fork to proper tension.


Customer reports that error messages of traffic watch data invalid, terrain awareness, storm scope information is not valid. this information shows on the number 1 and 2 GPS. Customer also reports that the information comes and goes away very fast.


Ramp checked avionics: no error messages received; all units worked properly during 1 1/2 hours of ramp operation. Needs flight check-out.

Installed a 1 foot piece of new rub strip to the outboard part of the RH flap.

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 work order number. Chief Inspector Scott K. Kenney

9/7/2007

SIGNED:  Work Order: 3325
Printed by EBis 3 (datcomedia.com)

SIGNED:  Work Order: 3394
Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE 3/27/2008
A/C TSN 683
HOBBS 663

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

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 9505E
WORK ORDER: 3574

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DATE: 3/27/2008
A/C TSN: 683
HOBBS: 663

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

U.S. REG. NO. 3508E
DER: 3576

Entries

OR systems to FAR 91.171 for IFR operation.
inspection IAW Cirrus Maintenance Manual Chapter 22-10 and Stec System 55X ICA.
inspection IAW Garmin GNS400W Series ICA Section 2.5
inspection IAW Garmin GTX327 Installation Manual Section A-3.
inspection IAW Avidyne Manual for ICA.
inspection IAW L3 WX500 Installation Manual Section 4.3
with Artex ME406 inspection for Continued Airworthiness Section 4.0
primary pitch control cables to obtain proper tensions IAW AMM.
pitch trim servo clutch to meet specifications IAW Cirrus SR22 AMM Chapter 22-11 dated 15 Apr 2007. Operational check normal.
d 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
W Garmin GNS430 Installation Manual Rev. R dated November 2006. Operational check normal.
d 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
W Garmin GNS430 Installation Manual Rev. R dated November 2006. Operational check normal.

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

SIGNED: 
Marc Belanger
Certified Repair Station No. T9ZR725Y
Work Order: 3576
Printed by EBIS 3 (datcomedia.com)

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 calliper 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/AAW accomplishment instructions.

C/W AD 2008-03-16 Inspection of the rudder, aileron and rudder-aileron interconnect rigging dated 3/11/08 I/AAW Cirrus SB 2X-27-14 R3.

C/W SB 2X-52-07 R4 Cabin Door Rod End Replacement I/AAW accomplishment instructions.

C/W AD 2007-14-03 CAPS pickup collar support screws dated 8/16/07 I/AAW 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/AAW 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.

MAINTENANCE RECORD

E A D 1 2 0

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: 85.3
HOBBS: 85.3

RVIC

CD

Entries

In Cirrus SB2X-34-24 P1 WAAS upgrade. This is a three part modification to comply SAFO 07004 and Cirrus SA07-10R1. e and replace the existing No.1 and No.2 Garmin GA56 GPS/WAAS antennas below the glare shield (FS110.3); P/N 011-00134-00. S/N off 59428738 and 128740. Remove and replace existing Comant C1420-1 XM satellite antenna on top of the aircraft fuselage (FS 132.00) S/N off 157804. Install a new No.1 PS/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 PS/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 na coaxes are connected to the existing GNS430W Navigators. Complete operational checks IAW Garmin installation Manual P/N 190-00643-01, Rev. D, and Cirrus SB2X-34-24 RT.

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: 530-00194-000 Rev.01 Release 7.0, repaired by CRS#1VAR161B, WO#9002723 dated 7/23/08. Completed configuration lot ground calibration procedure IAW Avidyne Entegra EXP5000 PFD Release 7 Installation Quick Reference Guide p/n: 600-00188-000 Rev. 00 and IAW Cirrus PFD IM P/N 600-00141-000 Rev.06. Pito/Static system leak tested IAW FAR43 Appendix E (a2). Complete the magnetometer calibration, IAW 22 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, and Cirrus SB2X-34-24 RT.

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. 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.

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 3-10. S/N 97138722 and S/N 97138677. Re-install modified Garmin Navigators, CRS#GXR582Y, WO#9602295 dated 7/22/08. P/N 011-01060-40. S/N and 97138677. Main sw 3.11, GPS sw 3.1. The existing installation meets the requirements of Garmin STC SA01933LA. Garmin GNS430W Installation 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 0356-00 Rev.B.

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

Weight and Balance Data and Aircraft Equipment List were amended. See the Pilot's Operating Handbook (AFM) for current weight and balance data. 1337 submitted.

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

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

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

and touched up nose wheel pant scratches.

2008-14-13 Cabin Door Rod End Replacement. Found work PCWIAV SB2X-52-07R4 - dated 2/29/2008.

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

kywatch antenna cables from chafing against chassie outboard edge with varglass.

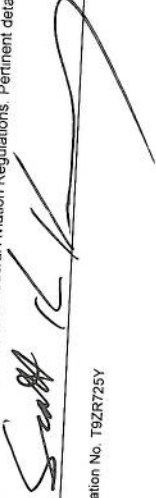
MAINTENANCE RECORD

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: 
Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3741
Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 3771

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. Pito/Static system leak tested IAW FAR43 Appendix E (a2). Complete the magnetometer calibration, IAW Cirrus SR22 AMM, Chapter 34-20.

DATE: 8/1/2008
A/C TSN: 85.1
HOBBS: 85.1

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: 8/1/2008

SIGNED: 
Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3771
Printed by EBIS 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE: 12/5/2008
 A/C TSN: 134.4
 HOBBS: 134.4

Troutdale Aircraft Services, Inc.
 Repair Station No. T9ZR725Y
 1250 NW Perimeter Way
 Troutdale, OR 97060 USA
 Phone: 503-666-3536

Frame Entries

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.

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

SIGNED: *Scott K. Kenney*
 Marc Belanger
 Certified Repair Station No. T9ZR725Y
 Work Order: 3923
 Printed by EBIS 3 (datamedia.com)

DATE: 12/5/2008

Troutdale Aircraft Services

FAA Repair Station T9ZR725Y
 Altimeter Scale Correction Card

Altimeter P/N: 007-00006-000
 S/N: 20061147

Reference Altitude in Ft	Altimeter Reads	Reference Altitude in Ft	Altimeter Reads
-1000	970	14000	14010
0	10	15000	15010
500	510	16000	16010
1000	1010	18000	18020
1500	1510	20000	20030
2000	2010	22000	22030
3000	3010	25000	25020
4000	4010	30000	
5000	5010	35000	
6000	6010	40000	
8000	8010	45000	
10000	10010	50000	
12000	12000		

Tested by: *SAU* Date: 3/23/09
 Altimeter Position: *1*
 Aircraft N#: 9505E UO# 4016

IN RECORD

Altimeter P/N: 5937AD-3
 S/N: 457744

Reference Altitude in Ft	Altimeter Reads	Reference Altitude in Ft	Altimeter Reads
-1000	7600	14000	13960
0	00	15000	14960
500	500	16000	15960
1000	1000	18000	17980
1500	1500	20000	20020
2000	2000	22000	22010
3000	3000	25000	25060
4000	4000	30000	
5000	4995	35000	
6000	5980	40000	
8000	7780	45000	
10000	9960	50000	
12000	11960		

Tested by: *SAU* Date: 3/23/09
 Altimeter Position: *2*
 Aircraft N#: 9505E UO# 4016

INSPECTION RECORD

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZRT25Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

DATE: 4/24/2009
A/C TSN: 1365
HOBSB: 1363

2 G-2
OSE
ER: 4016

Entries

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

Major Alley - C/W TAT 200 hour inspection per Tornado Alley Maintenance Manual, Report number 215-10.

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

/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4.0

/A - C/W Avidyne EXP5000/ EX5000C inspection for Continued Airworthiness.

/A - C/W Honeywell KGP560 (EGPWS) Enhanced Ground Proximity Warning System inspection for Continued Airworthiness. Perform inspection IAW I KGP-560 Installation Manual Section 7.4

/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4.3

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

/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. I/A/W Section 2.5

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

airbag equipped Seat Belts, Connected test box to trouble shoot system prior to seat removal and required recertification after seat installation.

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

Certify VOR system to FAR 91.171 for IFR operation.

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

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

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

1 altimeters, pitot/static systems, altitude reporting systems, and transponder systems to 20,000 feet for non-pressurized aircraft. Compiled with FAR's 91.411 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 under P/N 011-00490-00, S/N 83727394; ACK A-30 Altitude Encoder P/N A30.A, S/N 105279; Avidyne EXP5000 PFD P/N 700-00006-000, S/N 20061147.

ned return to service flight check and OK.

recise Flight O2 system ICA, 50 hr. and annual items.

ed with AD 2009-05-05 Avidyne Primary Flight Displays Effective date 4/3/09, Amendment 39-15440.

edes AD 2008-06-28 R1. Not applicable due to serial number.

DAI

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 B 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 63727394

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 COS/AS-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 PIN 5934 series. Not applicable due to serial number, SIN 459744
 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

SIGNED: *Scott K Kenney*

Scott Kenney
 Certified Repair Station No. T9ZR725Y

Work Order: 4016

Printed by EBis 3 (datamedia.com)

DATE: 4/24/2009

MAKE Cirrus
 MODEL SR22 G-2
 SN: 2403 950SE
 REG. NO 97080 USA
 WORK-ORDER 4292

Troutdale Aircraft Services, Inc.

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

DATE: 10/6/2009
 A/C TSN: 136 G
 HOBBS: 136 G

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

SIGNED: *Eric Svelmoe*

Eric Svelmoe
 Certified Repair Station No. T9ZR725Y

Work Order: 4292

Printed by EBis 3 (datamedia.com)

DATE: 10/6/2009

INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
 IN SERVICE

409

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

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

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 4601

DATE

INSPECTION RECORD

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

DATE: 7/1/2010
A/C TSN: 171
HOBBS: 171

Airframe Entries

- 1 Removed RH kick plate and cabin ventilation fan cover. Inspected and functional tested cabin ventilation system. No defects found.

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: 7/1/2010
SIGNED: *Eric Svelmoe*
Eric Svelmoe
Certified Repair Station No. T9ZR725Y
Work Order: 4601
Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22 G-2
S/N: 2403
REG. NO: 950SE
WORK ORDER: 4651

DATE: 9/1/2010
A/C TSN: 173.6
HOBBS: 173.6

Airframe Entries

- 1 Removed rear seats and adjusted flap up travel IAW AMM. Installed rear seats.

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: 9/1/2010
SIGNED: *Scott Kenney*
Scott Kenney
Certified Repair Station No. T9ZR725Y
Work Order: 4651
Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZRT25Y
1250 NW Perimeter Way
Troutdale, OR 97060 USA
Phone: 503-666-3838

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

AKE: Cirrus
ODEL: SR22 G-2
IN: 2403
EG. NO: 950SE
WORK ORDER: 4775

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 - Tornado Alley - C/W TAT required 100 hour inspection per Tornado Alley Maintenance Manual, Report number 215-10.

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

6 Cirrus - I/C/A - C/W inspection of Artex ME406 ELT in accordance with Maintenance Manual Section 4.0

7 Cirrus - I/C/A - C/W Avdyne EXP5000/ EX5000C inspection for Continued Airworthiness.

8 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

9 Cirrus - I/C/A - C/W inspection of L3 WX500 stormscope system in accordance with Installation Manual Section 4.3

10 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

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

12 Cirrus - I/C/A - C/W Garmin GNS430/GMA340 Instructions for Continued Airworthiness. IAW Section 2.5

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

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

16 Cirrus - Certify VOR system to FAR 91.171 for IFR operation.

17 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.

INSPECTION RECORD

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 alt 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 chafing 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. Kennedy

DATE: 6/6/2011

SIGNED:

Scott Kenney
Certified Repair Station No. T9ZRT25Y

Work Order: 4775

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INSPECTION RECORD

Troutdale Aircraft Services, Inc.

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

DATE: 7/23/2012
A/C TSN: 186.6
HOBBBS: 186.6

DATE

Entries

10 Hour - Airframe - I Certify that this Airframe has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix and was found airworthy for return to service.
abricated and installed patch on RH engine baffle at intercooler cutout.
abricated number 3 CHT probe with new. Ops check ok.
adjusted Aileron stops to obtain proper clearance IAW AMM. Checked travels and OK.
apositioned rubber insulator under O2 bottle fwd retaining strap.
applied RH wing inspection panel with new.
stalled main aircraft electrical battery with new Gill G-243.

3/2012

SIGNED:

Scott Kemney, IA, 543760444 IA

Work Order: 5028

Printed by EBIS 3 (datamedia.com)

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

FLIGHTCRAI

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- 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# 102NNMAN0003, Rev. F. Annual inspection items.
- 12 month Tomado Alley Turbo, Inc. annual inspection complied with I/A/W TAT Continued Airworthiness Manual #22-6460004, Rev. 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 CMM Rev 1 95-01-01
- 2.16 Replaced Magneto pressurization filter P/N 04-670001 I.A.W. SR22 AMM B4 74-10

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

Flightcraft Portland CRS# FCPR831D:

Joe Korkick

Joe Korkick for CRS# FCPR831D

Date: 10/09/13

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

ected
ect to

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

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

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

(Avidyne PFD) P/N 710-00053-002 S/N 20061447 was tested to 20,000 feet on 08/15/2013.
ACK 30 S/N 105279 was tested to 20,000 feet on 08/15/2013
by Alimeter P/N 5934AD-3 S/N 459744 was tested to 25,000 feet on 08/15/2013.
ponder (GTx-327) P/N 011-00490-00 S/N 83727394 was tested on 08/15/2013.
Static Pressure System was Tested and Inspected to 20,000 feet on 08/15/2013.

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

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

DUNCAN
911207

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

ENGINE MODEL IO-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
A/C TSN
ENG TT
TSI
HOBBS:

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 I 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: 5

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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: 204.1
HOBBS: 204.1

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 86, #6 7580 metered orifice reading of 46 PSI.
- Drained engine oil and S.O.A.P. sample taken.
- Serviced engine with 7 quarts of Aeroshell WT100 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, p/n 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: *Robert Richards*
Inspector Robert Richards
Work Order: 8932
Printed by EBis 3 (datacmedia.com)

CRS# K5S2339N

ific Coast Avionics
Station: N950SE

Make: Cirrus Model: SR22 S/N: 2403 Tach: N/A Hobbs: 253.9
CRS OPXR455L

Replaced hour meter/airspeed differential switch with new, p/n 14128-001 as per Cirrus SR22 MM 31-50. Tested and found new switch operational.
formed 14 CFR 91.411 certification of the altimetry system. The Avidyne EXP5000 PFD s/n 20061147, Standby Altimeter, Altitude Encoder, and / 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
formed 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 ply with the requirements listed in 14 CFR 43 Appendix E.
aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details be on file at Pacific Coast Avionics under Keystone Aviation, work order 10263.

4/6/2015

Date: 4/06/2015

Signature: Christopher Brand



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

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

Airframe Entries

Removed and replaced turbo Automatic Pressure Controller with Overhauled unit, P/N 470688-5, 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: *Robert Richards*
Inspector Robert Richards
Work Order: 8932
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CRS# K5S2339N

SkyWest Aviation Inc.

N950SE Cirrus SR22 S/N: 2403

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

Paul Armstrong

Paul Armstrong

AP3154322

April 15, 2015

SkyWest Aviation Inc.

N950SE Cirrus SR22 S/N: 2403

Hobbs: 310.8

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

Paul Armstrong

Paul Armstrong

AP3154322

May 5, 2015

INSPECTION RECORD
F.A.R. 43.11-91.409

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

August 21, 2015

Hobbs: 385.1

use Aviation

Cirrus SR22

SN: 2403

for Willhelm Jennifer Wilhelm

AP3708312

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.

415 440.2 oil change ch 48108-1 + 15W50 Shell King Oils
 1-15 491.2 oil change ch 48108-1 15W50 Shell King Oils
 -16 536.7 oil change ch 48108-1 15W50 Shell King Oils

CENTRAL TEXAS AVIONICS, Inc.

217 CORSAIR DRIVE
 GEORGETOWN, TEXAS 78628

LOG BOOK ENTRY

REG. #: N930SE
 MODEL: SR22

HOBBS: 458.1
 S/N: 2403

10-20-2015
 CIRRU

PERFORMED:

REMOVED THE DEFECTIVE PULSE ANTENNA AND INSTALLED A NEW COMANT C-101 ANTENNA AND THE TRANSPONDER SYSTEM 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 COMPLETED.

CENTRAL TEXAS AVIONICS
 FAA REPAIR STATION #: C84R586N

INSPECTION RECORD
F.A.R. 43.11-91.409

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

SkyWest Aviation Inc.

N622AD Cirrus SR226-2

SN: 2403

Hobbs: 583.6

April 22, 2016

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 G243
- 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

AP3154322IA

638.0 6-20-16 Change Oil ch 48108-1 15W50 Shell King
 686.9 7-23-16 Change Oil ch 48108-1 15W50 Shell King
 739.5 1-2-17 Change Oil ch 48108-1 15W50 Shell King

INSPECTION RECORD
F.A.R. 43.11-91.409

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

AIRCRAFT TIME IN SERVICE

DATE

AIRCRAFT TIME IN SERVICE

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

INSPECTION RECORD
F.A.R. 43.11-91.409

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CyWest Aviation Inc.

Cirrus SR22

SN: 2403

September 8, 2016

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

enjamin Carbajal



AP3681757

CyWest Aviation Inc.

Cirrus SR22

SN: 2403

January 8, 2017

- Replaced Nose wheel Castleated nut with new PN M517826-8
- 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.

enjamin Carbajal



AP3681757

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: 6944
TACH: 6944

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 102NIMAN0003 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 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 cowling. Applied chafe tape to NLG strut as required. Resealed L/H outboard fuel panel, leak check good. Removed LH 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

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

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 2CR1108, 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

Printed by EBIS 3 (datamedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

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

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

Printed by EBIS 3 (datamedia.com)

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

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

DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N950SE	2. MANUFACTURER AND MODEL CIRRUS SR22	3. AIRCRAFT SERIAL NUMBER 2403	4. CATEGORY NORMAL
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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, preventive 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: April 2, 2007
FAA REPRESENTATIVE: *Lois L. Tinker*
DESIGNATION NUMBER: ODARE-405228-CE

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL REGULATIONS.

March 23, 2016

Duke Aviation

522AD Cirrus SR22 SN: 2403

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

Benjamin Carbajal

Benjamin Carbajal

AP3708312

INSPECTION RECORD
F.A.R. 43.11-91.409

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N622AD - 1/5/2018 - 952,9 HOURS
REMOVED SKY-TEC STARTER P/N C245T5, S/N 465-201405 AND INSTALLED NEW SAME S/N H-ROB2071 FROM HARTZELL ENGINE TECH, W.D.# 118120, TEST RAN AIRCRAFT AND ALL SYSTEM OPS CK GOOD.

Neel M. Karasid AP3571345

1-18-18 OIL CHANGE Temp post
9668 hrs Shell 15-40w AA 48108-2

Duke Aviation

N622AD

Cirrus SR22

SN: 2403

- Replaced RH Magneto with New PN BL-500556-101 SN D17HA093R

Benjamin Carbajal

Benjamin Carbajal

AP3681757

January 17, 2018