AIRCRAFT LOG
AF5-1

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 SR20.

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N 2480	01/16
CAPS Parachute	20332-001	S/N 03806	12/15
CAPS Reefing Line Cutters	5212	LOT TOS05G 002-029	~~08/11~~ 4/17
ELT Batteries	MN1300	Date Installed 2.12 ~~01/06~~	~~03/12~~ 3-18
EMA Controller. AAIR	20902-001	S/N 16 Nov 05-160	11/12
Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI2795 10171	12-01-12
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N AASI2795 10372	12-01-12

1-5-16 1268.7 Richard [illegible] GCPR185E
1-5-16 1268.7 Richard [illegible] GCPR185E

As per SA 12-01 New Date Due 12/4/15 [illegible] 3382198 [illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D. /BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		14Feb06 5.7hrs	Searched AD's through bi-weekly issue 2006-03. All AD's are in compliance at this time.			Eric D Hutter LEAD 37

ORD

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

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY	CERT. NO.

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

TESTED TO 18,000 **FEET ON** 02/08/06.

Transponder: Mfg Garmin P/N 13587-050
Model: GTX-327 S/N 83722910.

Encoder: Model ACK P/N A-30 S/N 099259.

Altimeter: Mfg Avidyne
(PFD) 15222-00 S/N 20606525.
Mfg United P/N 12731-002 S/N 451673.

CDC Quality Assurance _____ on 02/08/06.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

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 SERVI

MAKE SR20
MODEL SR20-G2
S/N 20-1624
REG NO 156KT
WORK ORDER
5816-02-2006

Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218- 788-3101

DATE 2/19/2006
A/C TSN
HOBBS 5.7

Airframe Entries

(1) 35-00 Installed a semi-portable oxygen system manufactured by Precise Flight Inc IAW STC # SA01232SE - Updated Weight & Balance and inserted supplement concerning this installation in Pilot's Operating Handbook Reference FAA forms 337 dated 2-19-2006 & 8130-3 dated 01-03-06 for details

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

DATE: 2/19/2006 **SIGNED:** Joseph Sullivan

Joseph Sullivan
Certified Repair Station No YD5R855Y

Work Order: 5816-02-2006
Printed by EBis 3 (datcomedia.com)

MAKE SR20
MODEL SR20-G2
S/N 20-1624
REG NO 156KT
WORK ORDER
5839-02-2006

Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218- 788-3101

DATE 2/22/2006
A/C TSN 7.2
HOBBS 7.2

Airframe Entries

(1) Adjusted camlocks on upper cowl for proper fit and finish IAW standard maintenance practice (2) Adjusted FWD LH carpet for proper fit IAW CDC AMM 25-10 (3) Installed new fire extinguisher Done IAW CDC AMM 26-20 (4) Adjusted idle for 700 RPM with a mixture rise of 50 RPM IAW TCM SIDJT-3C

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

DATE: 2/22/2006 **SIGNED:** Karl Hagglund

Karl Hagglund
Certified Repair Station No YD5R855Y

Work Order: 5839-02-2006
Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

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

MAKE SR20
MODEL SR20-G2
S/N 20-1624
REG NO 156KT
WORK ORDER
5857-02-2006

Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 2/23/2006
A/C TSN 10
HOBBS 10

Airframe Entries

(1) Removed and Replaced XM Radio/Weather Receiver Unit P/N 16665-002 IAW CDC SR-20 AMM 34-40. Programmed Remote to New Receiver. Confirmed Weather Updates as Required XM Audio Operational Check Good. S/N Off: 816000359, S/N On: 816000419

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

DATE: 2/23/2006 SIGNED:

Ross Sarkela
Certified Repair Station No YD5R855Y

Work Order: 5857-02-2006

Printed by EBis 3 (datcomedia com)

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 2734

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

DATE 3/29/2006
A/C TSN 10
HOBBS 10

Airframe Entries

Replaced intermittent 4-way electric trim/autopilot disconnect switch on pilot's yoke grip with new part. Operational check normal.

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 ve work order number. Chief Inspector Scott K. Kenney

DATE 3/29/2006 SIGNED:

Work Order 2734

Printed by EBis 3 (datcomedia

MAKE Cirrus
MODEL SR20
S/N 1524
REG NO 156KT
WORK ORDER 2731

Troutdale Aircraft Services, Inc.

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

DATE: 3/31/2006
A/C TSN: 63.1
HOBBS: 63.1

Airframe Entries

3 Removed upper and lower cowls for access to tach generator. Removed old tach generator S/N 0958 and installed a new tach generator S/N 1113. Performed operational check tach is reading normal and percent of power is good.

4 Removed the flap cove panels and slightly adjusted the panel so it would not interfere with the flap.

5 Removed the old oil pressure sensor and installed a new sensor does not oscillate on run-up.

6 Removed the wheel pant and adjusted the middle fairing so it would not overlap the wheel pant fairing.

7 Dettached the static line from the gages. Applied vaccum to the static line and got no water out of the line attached the static line to the gage.

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: 3/31/2006 SIGNED: Scott K Kenney

Work Order: 2731

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR20
S/N 1524
REG NO 156KT
WORK ORDER: 2800

Troutdale Aircraft Services, Inc.

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

DATE: 6/2/2006
A/C TSN: 96.5
HOBBS: 96.5

Airframe Entries

2 Removed old left middle gear leg fairing. Fitted drilled and installed new middle gear leg fairing.

3 Removed, prepped, painted,and reinstalled right elevator tip.

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: 6/2/2006 SIGNED: Richard Guy Gauvin

Work Order: 2800

Richard Gauvin
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

P.A.R. 45.9

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 SR20
S/N 1524
REG NO 156KT
WORK ORDER 2878

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

DATE 7/26/2006
A/C TSN 1413
HOBBS 1413

Airframe Entries

1 Removed the cowling, inspected the linkage to the throttle and governor and lubricated both with LPS 2 lubricant.

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: 7/26/2006 SIGNED: Scott K Kenney

Work Order: 2878

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 2850

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

DATE 7/6/2006
A/C TSN 1177
HOBBS 1177

Avionics Entries

2 Complied with Avidyne Service Bulletin 601-00004-069, dated 5/31/06, updating software in Avidyne EX5000C Multi-function Display, s/n23153515, from p/n 530-00180-100, rev. 00, to p/n 530-00180-100, rev. 01. 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: 7/6/2006 SIGNED: Scott K Kenney

Work Order: 2850

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

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

MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG NO: 156KT
WORK ORDER: 2878

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

DATE: 7/26/2006
A/C TSN: 141.3
HOBBS: 141.3

Airframe Entries

1 Removed the cowling, inspected the linkage to the throttle and governor and lubricated both with LPS 2 lubricant.

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: 7/26/2006 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 2878

Printed by EBis 3 (datcomedia.com)

JJ

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 SR20
S/N 1624
REG NO 156KT
WORK ORDER 2902

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

DATE 8/15/2006
A/C TSN 155.1
HOBBS 155.1

Airframe Entries

2 Pressure lubed Throttle and Mixture controls.

3 Trouble shot the trim system lubed the yoke and the elevator system.

4 Trouble shot the system and determined all components are good. Perfomed fuel system Adjustment/Test IAW Cirrus AMM Chap.28-40 pages 2-5. All fuel drains in wing re-safetied IAW Cirrus AMM Chap.20.

5 Cirrus - Optional - C/W SA 06-06 Master Control unit Schedueled Maintenance. Removed cover inspected the MCU. Installed cover and re-sealed.

6 C/W SA 06-08 Inspected the Door Rod End for bending. No damage found.

7 C/W SA 06-11 XM Satellite Weather/Radio Interruption of Service. Checked Torque at antenna connection and OK.

9 Repositioned Mixture control cable IAW Cirrus AMM Chap.20

11 Re-installed crew seats and performed function check of airbag system. IAW Cirrus AMM Chap. 25-10

12 Replaced anti skid on pilots entry step with new due to worn condition.

13 Waiting arrival of parts.Customer has been notified.

14 Complied with Avidyne Service Bulletin 601-00004-057, dated 1/13/06, and Cirrus Owner Service Advisory SA 06-10, dated 6/19/06, updating the checklist in the Avidyne EX5000C Multi-function Display, p/n 700-00004-008, s/n 23153515, to Checklist SR20-3, Version A6.2. 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 8/15/2006 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBIS 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

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

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 2979

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

DATE: 10/13/2006
A/C TSN: 198
HOBBS: 198

Airframe Entries

2 Cirrus - C/W SB 2X-52-04 R1 Cabin Door Strut Modification. Installed Door strut modification.

3 Remove oil pressure transducer due to inop primer switch operation. Installed new oil pressure transducer. Operationaly checked transducer and primer operation and 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: 10/13/2006 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

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

MAKE Cirrus
MODEL SR20
S/N 1624
REG. NO. 156KT
WORK ORDER 3003

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

DATE 11/14/2006
A/C TSN
HOBBS

Airframe Entries

1 Rang out oil pressure reporting system and found that socket contact #3 in P101 was intermittent. Replaced all 3 contact sockets. Re-checked all 3 wires and checks all normal. Needs operational check. CR.

2 Removed the throttle cable from the engine throttle and cockpit throttle and removed the governor control cable from the governor and the cockpit throttle Pressure lubed the cables and cleaned the corrosion. Re-installed the interior center console panels.

3 Cleaned exposed area of mixture control cable at fuel pump end. Pressure lubed cable and opperated through travel several times. Reconnected cable, OPS checked and OK.

4 Trimmed, fitted and installed new mid console trim panel.

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

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: 11/14/2006 SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3003

Printed by EBis 3 (datcomedia com

MAINTENANCE RECORD

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 3081

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

DATE: 3/8/2007
A/C TSN: 260.5
HOBBS: 260.5

SERVIC

Airframe Entries

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

13 Secured oil transducer wires to prevent further chaffing

14 Removed cracked landing lens. Installed new landing lens and lens retainer.

15 Re Attached temperature control air duct to air plenum.

16 Installed new #5 exhaust header and gasket.

17 Installed new gaskets on #1 & #3 exhaust flanges, and a new #1 exhaust header.

18 Removed old heat shroud and replaced with a new heat shroud.

19 Tightened engine drain line cluster.

20 Removed kinked section of pitot line, and refit line connecting to the pitot tube. Tested pitot/static system per FAR 43, Appendix E. That system met requirements of FAR 91.411 for non-pressurized aircraft.

21 Removed corrosion from LH and RH aileron control arm bearings and preserved with LPS2.

22 Defueled LH Wing. Removed the LH fuel sending unit S/N 1678. Installed a new LH fuel sending unit S/N 1826 and adjusted LH fuel sending unit to the gage.

23 Adjusted Pilot and co-pilots door latches.

24 Removed parking break valve, tightened all fitting, reinstalled valve, and bled system.

25 Installed new Belleville Washer and adjusted nose wheel tension to 25 lbs.

26 Removed Avidyne EXP5000 Primary Flight Display, p/n 700-00006-000, rev. 33 (Cirrus p/n 15222-004), s/n 20606525, mod 0, software p/n 530-00177-000, rev 01. Shipped to Avidyne. Reinstalled Avidyne EXP5000 Primary Flight Display, p/n 700-00006-000, rev. 33 (Cirrus p/n 15222-002), s/n 20606525, mods 25, 28, 29, 31, 32, 34, software p/n 530-00183-000, rev. 00, rebuilt 3/1/07 by CRS PT1042NE on Work Order RA23430. Initialized and calibrated primary flight display and magnetometer per Cirrus manual p/n 13773-001, dated 11/15/05. Tested pitot/static system and altitude reporting system per FAR 43, Appendix E. That system met requirements of FAR 91.411 for non-pressurized aircraft. Operational check normal.
This Primary Flight Display complies with FAA Special Airworthiness Information Bulletin CE-07-08 and Avidyne Service Alert SA-06-003.

27 Installed 2 wellnuts on the LH side and 1 on the RH side main gear upper fairings.

28 Cirrus - Brake caliper O ring replacement annually per Cirrus MM. Installed new orings in LH & RH calipers. Tightened LH main gear leg brake line and bled brake system.

MAINTENANCE RECORD

29 Sanded out damaged area on top of LH mid flap leading edge, painted, then blended.

30 Installed new LH front baffle and applied RTV between the baffle and governor..

33 Replaced the RH baffle.

34 Painted chaffed areas on NLG strut, then applied anti-chaffe tape to prevent further damage.

38 Avidyne EX5000C SW Ver. 6.2.1 - Complied with Avidyne Service Bulletin 601-00004-074, dated 1/18/07, updating software in Avidyne EX5000C Multi-function Display, p/n 700-00004-008, s/n 23153515, from p/n 530-00180-100, rev. 01, to p/n 530-00180-100, rev. 03. Operational check normal.

41 Removed fuel staining from RH wing outboard fuel drain, then painted.

44 Removed excessive bondo from the top of the vertical stabilizer, and painted.

46 Sanded out damage in upper and lower hinge pockets of pilot and co-pilot door, and then painted them.

47 Sanded out damage LH and RH door sill, repaired, painted, then blended.

49 Sanded off paint droplets on RH wing trailing edge, and painted area. Replaced damaged anti-chaffe tape on RH flap.

50 Filled oxygen bottle to 1900 psi.

52 Sanded blemishes and buffed RH elevator cap.

53 Replaced RH forward baffle.

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: 3/8/2007 SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3081

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED | AGENCY & CERTIFICATE NO.

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 3126

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

DATE: 4/2/2007
A/C TSN: 260.5
HOBBS: 260.5

Airframe Entries

1 Checked connection at DAU and OK. Checked pins at oil pressure transducer and OK. Removed oil pressure sensor S/N F1906 and installed new oil pressure sensor S/N H2206. Engine was ran checked for leaks and OK. Oil pressure system operates and indicates normaly.

2 Engine was operated at 60 percent power, the lean assit function was initiated and checked for proper operation at best power and best economy and no defects were noted

3 Removed DAU S/N- 217 and Installed new DAU S/N-598.

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 4/2/2007 SIGNED: Scott K

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3126

Printed by EBis 3 (datcomedia.com)

N156KT 15 May, 2007 TTAF: 3292.0 Removed and replaced R/H main tire and tube with new p/n 301-249-006 and 15x600-tube and serviced with air. I certify this airframe is in airworthy condition at this time.

----------End----------

Christopher Bracken
A&P 3095224
For Red Tail Aviation. Inc.

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 SR20
S/N 1624
REG NO 156KT
WORK ORDER 3191

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

DATE 5/29/2007
A/C TSN 260 5
HOBBS 260 5

Airframe Entries

1 5/16/07 Removed PFD p/n: 700-00006-0000 s/n: 20606525 mods: 25,28-29,31-32,34 from aircraft for software update Received Avidyne Entegra EXP5000 PFD p/n 700-00006-000 R.33, s/n 20606525, mods 25,28,29,31,32,34,36,37,38 rebuilt by CRS# PT1042NE on w/o RA24695 dated 5/24/2007 Installed rebuilt unit in aircraft. Configured unit IAW Avidyne Entegra EXP5000 PFD Release 6 Installation Guide, p/n 600-00619-000 Rev A.

2 Cirrus - C/W SB 2X-27-14 Rudder-Aileron Interconnect Modification.

3 Cirrus - C/W SB 2X-52-07 Installed new Cabin Door Rod Ends.

4 Performed magnetometer calibration IAW Avidyne Entegra EXP5000 PFD Release 6 Installation Quick Reference Guide p/n 600-00719-000 Rev A.

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: 5/29/2007 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order 3191

Printed by EBis 3 (datcomedia com)

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 3167

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

DATE 4/27/2007
A/C TSN 260 5
HOBBS 260 5

Airframe Entries

1 Cirrus - C/W SB A2X-95-10R1 Installed the new CAPS Pick-up Collar Support.

2 Cirrus - C/W SB 2X-95-09 Inspected the Straps and Installed the CAPS Strap Abrasion Sheath.

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 4/27/2007 SIGNED Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order 3167

Printed by EBis 3 (datcomedia com)

MAINTENANCE RECORD
F.A.R. 43.9

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

MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG NO: 156KT
WORK ORDER: 3234

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

DATE: 6/6/2007
A/C TSN: 343.6
HOBBS: 343.6

Airframe Entries

1 Removed damaged tach generator S/N 1113 and installed a new tach generator S/N 1454.

2 Adjusted Pilots door so it fits properly and closes easily.

3 Removed LH and RH main gear wheel pants. Inspected RH wheel installation, found loose wheel bearing. Removed wheel assembly and cleaned and inspected bearings and race and OK. Installed wheel assembly and adjusted wheel bearings. Adjusted tire pressures. Reinstalled LH and RH wheel pants.

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: 6/6/2007 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3234

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES
ENGINE S/N: 360130
REG NO: 156KT
WORK ORDER: 3167

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

DATE: 4/27/2007
A/C TSN: 260.5
ENG TT: 260.5
HOBBS: 260.5

Engine Entries

3 Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108-1 filter and safety wired. Engine was washed, ran and checked for leaks and 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: 4/27/2007 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3167

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

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

Corvallis Aero Service Date: 7-6-07 Tach 360.0 Changed oil and filter. Inspected old filter,no metal noted. Installed one CH48108-1 filter and 8 quarts Shell W100 oil. Washed, ran, and leak checked engine. I certify that this engine is airworthy with respect to the work performed. N156KT Engine IO360ES[6] s/n 360130

Frank R Szczepanski

WO# 7-1140 Frank R. Szczepanski A&P520503004

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 3451

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

DATE 11/26/2007
A/C TSN 383 5
HOBBS 383 5

Airframe Entries

Performed full Txp checkout IAW FAR 91.413 using TIC TR-220 Transponder Ramp Tester. Operational check normal in both Mode A and Mode C up through 7100 ft simulated altitude. No discrepancy found.

Removed DAU S/N-598 and installed new DAU S/N-663.

Installed new electical connector plug and sealed harness assembly using firesleeve.

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: 11/26/2007 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order 3451

Printed by EBis 3 (datcomedia com)

INSPECTION RECORD
F.A.R. 43.11-91.409

E NO. D TO SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	12FEB06	5.7	Production Flight Test accomplished in accordance with Cirrus Procedure #90500. Name: Frank Mathews Date 12FEB06 Signature: Frank D. Mathews Jr. Title: Production Flight Test Pilot
	2-13-06	5.7	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated FEB / 14 / 2006. The next inspection is due FEB / 28 / 2007. Jeffrey K. Holter Jeffrey K. Holter DMIR410073CE

DATE

ORD
409
US & DISCREPANCY LIST
NG OR DISSAPPROVING AIRCRAFT FOR SERVICE

Troutdale Aircraft Services			
FAA Repair Station T9ZR725Y			
Altimeter Scale Correction Card			
Altimeter P/N: 5934D-3			
S/N: 451673			
Reference Altitude in Ft	Altimeter Reads	Reference Altitude in Ft	Altimeter Reads
-1000	-1015	14000	13985
0	0	15000	15000
500	505	16000	16005
1000	1015	18000	18025
1500	1520	20000	20060
2000	2000	22000	
3000	3030	25000	
4000	4025	30000	
5000	5025	35000	
6000	6015	40000	
8000	7995	45000	
10000	9980	50000	
12000	11985		
Tested by: Carl Nagle		Date:	3/3/08
Altimeter Position:		Stby	
Aircraft N#: N156KT		W/O	3335

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 3335

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

DATE 3/6/2008
A/C TSN 452 6
HOBBS 452 6

Airframe Entries 2X

Comply with Cirrus SB22-34-24 R1 WAAS upgrade.
1 - Remove and replace the existing No.1 and No.2 Garmin GA35 GPS/WAAS antennas below the glareshield (FS110.3); P/N 013-00235-00, S/N off 11742 and S/N off 11744. Remove and replace existing Comant CI420-1 XM satellite antenna on top of the aircraft fuselage (FS 132.00) S/N off 106276. Install a new No.1 Comant GPS/WAAS/XM antenna P/N CI 428-410 S/N on 225613, 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 225645, Cirrus Kit P/N 70190-003, on the top of the aircraft fuselage skin (FS202.00) IAW Cirrus SB22-34-24 R1. Antenna coaxes are connected to the existing GNS430W Navigators and XM receiver. Complete operational checks IAW Garmin installation Manual P/N 190-00643-01, Rev. D, Oct, 2007 and Cirrus SB22-34-24 R1.
2 - Comply with Avidyne SB601-00006-081. Remove the EXP5000 PFD p/n: 700-00006-000 s/n: 20606525 and re-install customer's modified Avidyne EXP5000 PFD p/n: 700-00006-000 s/n: 20606525 IAW Avidyne SB601-00006-081, modified by CRS#PT3844CE, WO#RMA25792 dated 2/27/2008. 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. This modification complies with SAFO 07004 and Cirrus SA07-10R1; GPS APPR limitations placard removed.
3 - Garmin GNS-430W STC SA01933LA and the AML for Cirrus SR22 series aircraft previously complied with March 2, 2007.
4 - Install ELT shield P/N 18359-001.

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.

Comply with Garmin Mandatory Service Bulletin No. 0740 Rev.A. 400W Series unit software upgrades to Main Software P/N 010-00446-02 version 3.00 & GPS software P/N 010-00706-00 version 3.0; No.1 Garmin GNS430W Navigator P/N 011-01060-40 and S/N 97131641. Perform ground checks IAW Garmin Installation Manual P/N 190-00356-02 Rev.D. Revise the AFMS P/N 190-00356-03 Rev.A IAW with this service bulletin.

Comply with Garmin Mandatory Service Bulletin No. 0740 Rev.A. 400W Series unit software upgrades to Main Software P/N 010-00446-02 version 3.00 & GPS software P/N 010-00706-00 version 3.0; No.2 Garmin GNS430W Navigator P/N 011-01060-40 and S/N 97131712. Perform ground checks IAW Garmin Installation Manual P/N 190-00356-02 Rev.D. Revise the AFMS P/N 190-00356-03 Rev.A IAW with this service bulletin.

Tested stby altimeter United p/n: 5934D-3 s/n: 451673, EXP5000 s/n 20606525, pitot/static system, altitude reporting system ACK A-30 encoder p/n: A-30.4 s/n: 099259, and transponder system GTX327 p/n: 011-00490-00 s/n: 83722910 per FAR 43, Appendices E and F. Those systems met requirements of FAR 91.411 and 91.413 to 20,000 feet for non-pressurized aircraft.

Repaired and painted surface crack LH of forward GPS/XM antenna.

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: 3/6/2008

SIGNED: Scott K Kenney

Marc Belanger
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
D WORK ORDER 3540

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

DATE 3/6/2008
A/C TSN 452.6
HOBBS 452.6

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.

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

Replaced the brake caliper o-rings with new high temp o-rings. Bleed brakes.

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

Complete the magnetometer calibration, IAW Cirrus SR22 AMM, Chapter 34-20.

Perform return to service flight check. Performed GPS WASS Aproach to UAO GPS 17. Operational checks normal. Performed missed approach and operational checks normal. Performed auto pilot calibration and operational check normal. performed roll off check of flight control rigging and operational checks are normal No further action is required.

C/W SB 2X-78-07 R1 SR20 Heat Exchanger Inspection I/A/W accomplishment instructions. Next due at hobbs 552.6.

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

C/W SB 2X-71-10 R1 Oil Breather Line Insulation Sleeve Installation I/A/W accomplishment instructions.

C/W SB 2X-27-14 R3 Rudder- Aileron Interconnect Modification I/A/W accomplishment instructions.

C/W AD 2007-14-03 Amd # 39-15125 CAPS pickup collar support screws dated 8/16/07 I/A/W Cirrus SB A2X-95-10 R1 P/C/W on 4/26/07.

C/W AD 2008-03-16 Amd # 39-15367, Inspect the Rudder, Aileron, and rudder-aileron interconect rigging dated 3/11/08 I/A/W Cirrus SB 2X-27-14 R3.

Installed new RH engine baffle.

Replaced all spark plugs in engine with massive electrode plugs.

Repositioned & secured prop governor control rod end to governer acruating arm.

Retorqued prop governor mounting hardware.

Installed # 1 cyl exhaust header with new. Replaced #1,3,5 exhaust header gaskets with new. Replaced RH exhaust header to collector bolt with new.

Replaced #2,4,6 exhaust header gaskets with new.

Removed cracked Alt #2 S/N-1154195 and installed new Alt#2 S/N-0816943K. Ops check ok.

Removed corrosion from lower engine mount attach fittings and treated with ACF-50.

Installed new Tach and MAP sensors connector seals at RH aft engine baffle.

Adjusted Two LH middle flap cove panels. Applied touch up paint, and anti-chafe tape.

Painted and blended RH / LH flap cove trailing edges.

Removed VHF com ant for roof repair. Repaired and painted around VHF com ant.

Applied anti-chafe tape to LH/RH inner wheel pant panels.

Installed new RH main gear leg grommet.

Serviced Oxygen cylinder to 2000 psi.

Installed fusion tape around co-pilot's inflatable restraint harness.

Removed stains from headliner as needed.

Reglued leather on Pilot/Copilot bolsters as needed.

Reglued leather on center windscreen trim as needed.

Reattached heater duct hose to heater box.

Retorqued both co-pilot's master cylinder fittings & cleaned all fittings.

Retorqued pilots master cylinder fittings & cleaned all fittings.

Removed parking brake assy, resealed, reinstalled parking brake assy. Bleed brakes.

Adjusted pilot's door latches.

Replaced LH nose wheel bearing & race with new.

Installed anti-chafe tape on LH upper gear leg fairing.

Installed new landing light connector seal.

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: 3/6/2008 SIGNED: Scott K Kenney Work Order: 3

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

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N156KT **TACH: 505.0** **ETT: 505.0** **DATE: 7/4/2008**

Drained oil and removed oil filter, inspected filter for contamination – none noted at this time. Installed new PN: CH48108-1 oil filter and added (8) qts AS100W50 oil.. Ground run completed; no leaks noted. I certify that this **Engine** is airworthy with respect to the work performed and is approved for return to service.

W/O 08-1907

Jeff R. Cone AP3160523

MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG NO: 156KT
WORK ORDER: 3852

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

DATE: 10/1/2008
A/C TSN: 539.7
HOBBS: 539.7

Airframe Entries

Remove transponder antenna and burnish antenna ground; re-install antenna. Replace transponder antenna coax with RG-400/U. Ramp 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: 10/1/2008 SIGNED:

Marc Belanger
Certified Repair Station No. T9ZR725Y

Work Order: 3852

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

MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG NO: 156KT
WORK ORDER: 3607

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

DATE: 9/25/2008
A/C TSN: 534.9
HOBBS: 534.9

Airframe Entries

Comply with Avidyne SB 601-00004-077 EX5000C Release 7.02.

Comply with SAFO 07004 and Cirrus SA07-10R1 for WAAS installation. Previously complied with on 3/5/2008; GPS APPR limitations placard removed.

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

C/W AD 2008-14-13 Cabin Door Rod End Replacement. Work found PCW IAW SB2X-52-07R4, dated 2/4/2008.

C/W AD 2008-11-18 detect and correct leaks in the exhaust system. Inspection carried out IAW 2X-78-07R1. No leaks found. AD next due at 634.9 hours.

Replace Garmin GTX327 transponder P/N 011-00490-00, S/N off 83722910, S/N on 83732540 IAW Cirrus Maintenance Manual Chapter 34.

C/W SB 2X-32-18 Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection. No cracks found this date. Next inspection due at 634.9 hours.

Replaced starter with new unit, Serial #07148090. Ops checked OK.

Replaced Gascolator quick drain with new unit due to leakage.

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: 9/25/2008 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3607

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE	KIND OF INSPECTION, STATUS & DISCREPANCIES

Salem Air Center **N156KT** **11/26/2008**

Hobbs: 553.9

Removed speed ferrings LMG. Removed wheel & tire assy. Inspected brakes & axel.
Replaced (4) brake pads p/n 066-10500. Replaced tube p/n 302-246-401. Replaced tire p/n 156E61-3.
Reinstalled wheel & tire assy on aircraft. Returned to service.

Michael R Burgess

Michael R. Burgess A&P 554064051

TV

INSPECTION RECORD

MAKE Cirrus
MODEL SR20
S/N 1624
REG. NO: 156KT
WORK ORDER: 3970

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

DATE 2/26/2009
A/C TSN 572
HOBBS 572

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

Cirrus - I/C/A - C/W inspection of ACK ELT I/A/W ACK Installation Manual Section 7.0

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 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 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 - 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.

Performed post annual flight check, and return to service flight for all SB's, SID's and bulletins, and Ops checked OK.

C/W SB 2X-32-18 R2 Nose Landing Gear Upper gusset PLate & Attach Point Arms Inspection. No cracks detected at this time. Next due at 672 hours.

C/W SB 2X-78-07R1 SR20 Heat Exchanger Inspection. No defects noted - next due at 672 hours.

C/W AD 2008-11-18 Heat Exchanger Inspection Effective date 7/7/2008. Work carried out in IAW SB2X-78-07R1. No defects noted - next due at 672 hours.

Replaced RH rear nav light bulb with new.

Replaced all rocker cover gaskets with new. Ground run, and no leaks detected.

Fabricated and installed new alternate air control attach bracket on rear baffle.

Replaced corrosion resistant bolt in LH exhaust manifold collector IAW MM.

Replaced nose gear rebound bumpers with new.

Installed factory new engine baffle on LH side of engine.

Removed, sealed and reinstalled oil pressure sending unit inlet . Ground run, and noted.

Complied with Garmin Software Service Bulletin No. 0848 Rev.A; Unit's Software Upgrade to Main SW Version 3.2 and GPS SW version 3.2; No.1 GNS-430W P/N 011-01060-40, S/N 97131712.

Complied with Garmin Software Service Bulletin No. 0848 Rev.A; Unit's Software Upgrade to Main SW Version 3.2 and GPS SW version 3.2; No.2 GNS-430W P/N 011-01060-40, S/N 97131641.

Replace Stec Turn Coordinator with new CPN 12733-001, S/N off 0548-17689G, S/N on CO8-11058, IAW Cirrus Maintenance Manual Chapter 22.

Replaced defective No.1 Comant XM/GPS antenna with new P/N CI428-410, S/N off 25613, S/N on 266913 IAW Cirrus Maintenance Manual Chapter 34.

Complied with Garmin Software Bulletin No. 0809 Rev.A; Upgrade GTX327 transponder operating Software to version 2.10. Garmin GTX327 P/N 011-00490-00, S/N 83722910.

Tightened mixture control rod end bolt at cockpit quadrant, installed cotter pin.

Replaced parking brake valve with new in accordance with Cirrus MM. Brakes bled, Ops checked OK, and no leaks detected.

Replaced 2 gear fairing wellnuts in LH wing.

Performed Adjustment/Test Aileron Rigging IAW MM. Adjusted control yoke positions, repositioned copilots yoke position placard, adjusted aileron cables for centered positon and tension, and adjusted travel stops.

Cleaned up and repainted small corroded area on nose strut above spindle cup.

Removed nose strut assembly to facilitate visual and inspection on lower weld fillet IAW MM. Also had Magnaflux inspection carried out. No faults found. Reassembled IAW MM.

Touched up lower cowl where paint chafed down to glass at forward mating surface with upper cowl.

Replaced landing light lens cover with new.

Replaced LH cabin entrance step non-skid with new.

Touched up LH flap cove area where chafed to glass in one area, and installed anti-chafe tape.

Rebonded 3 inch section of lower LH wing root fairing.

Reglued LH bolster panel as required.

Applied more dual lock to RH wear plate and floor to hold carpet in place.

Replaced both door seals with new, adjusted latch mechanism for new seals, and found OK.
Replaced engine induction/alternate air duct assembly with new unit.

Protected the traffic antenna coax assembly from chaffing against the processor chassie with varflex and secured.

Tied wire bundle and secured wire harness in pedestal touching airframe metal edge.

Replaced LH sunvisor mounting base 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: 2/26/2009 SIGNED: Scott K K

Kenney
ed Repair Station No. T9ZR725Y

INSPECTION RECORD

D.
MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 3998

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

DATE: 3/11/2009
A/C TSN: 572
HOBBS: 572

Airframe Entries

Remove and re-install No.1 Garmin GNS-430W, P/N 011-01060-40, S/N 9731641, repaired by CRS#G6XR582Y, WO#12659371 dated 3/3/2009

Removed and replaced yoke control position decal above yoke on RH side.

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: 3/11/2009 SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 3998

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR20
S/N: 1624
REG. NO: 156KT
WORK ORDER: 3998

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

DATE: 3/11/2009
A/C TSN: 572
HOBBS: 572

Airframe Entries

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.

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: 3/11/2009 SIGNED:

Marc Belanger
Certified Repair Station No. T9ZR725Y

Work Order: 3998

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE Cirrus
MODEL SR20
S/N 1524
REG NO 156KT
WORK ORDER 4027

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

DATE: 3/23/2009
A/C TSN: 575.4
HOBBS: 575.4

Airframe Entries

TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

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 3/23/2009 SIGNED: Scott K Kenney

Work Order: 4027

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL IO-360-ES
ENGINE S/N 360130
REG NO 156KT
WORK ORDER 4071

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

DATE: 5/9/2009
A/C TSN: 583.6
ENG TT: 583.6
HOBBS: 583.6

Engine Entries

Removed all lower plugs, found oil residue lower plugs, performed bore scope inspection of cylinders and found oil in bottom of cylinders. Cleaned plugs, reinstalled, and torqued.

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 5/9/2009 SIGNED: Scott K Kenney

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 4071

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER 4071

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

DATE 5/9/2009
A/C TSN 583.6
HOBBS 583.6

Airframe Entries

Inspected RH fresh air vent system due to report of heavy airflow below copilot's seat. Found duct loose at floor behind side panel. Resecured duct, OPS checked vent system and OK.

Removed all lower plugs, found oil residue lower plugs, performed bore scope inspection of cylinders and found oil in bottom of cylinders. Cleaned plugs, reinstalled, and torqued.

Removed #1 Alternator, and mounting bracket, inspected bracket for cracks and no crack is present. Bracket has a casting flaw that was removed and bracket was blended, reinstalled bracket and torqued IAW TCM SB 96-7.

Replaced spinner bulkhead with new bulkhead. Installed prop using new oring and hardware. Engine was ran checked for leaks and OK.

Replaced R/H tailpipe clamp 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: 5/9/2009 SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 4071

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD
F.A.R. 43.11-91.409

AIRCRAFT TIME | KIND OF INSPECTION

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER: 4099

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

DATE: 5/29/2009
A/C TSN: 592.8
HOBBS: 592.8

Airframe Entries

Troubleshot Alt 2 inop. Found broken field wire at alternator and spliced wire. Ground run carried out, and OK.

Swapped #1 and #2 GPS units, and reconfigured.

Removed top spark plugs and inspected cylinders, reinstalled top spark plugs.

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: 5/29/2009 SIGNED:

Scott Kenney
Certified Repair Station No. T9ZR725Y

Work Order: 4099

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus
MODEL SR20
S/N 1624
REG NO 156KT
WORK ORDER: 4138

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

DATE: 6/26/2009
A/C TSN: 600.7
HOBBS: 600.7

Airframe Entries

Replaced No.2 GNS430W navigator with Garmin loaner; P/N off 011-01060-40, S/N off 97131641; P/N on 011-01060-00, S/N on 23400577.

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: 6/26/2009 SIGNED:

Marc Belanger
Certified Repair Station No. T9ZR725Y

Work Order: 4138

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

Corvallis Aero Service **5695 SW Airport Place** **Corvallis, OR. 97333**

N#: N156KT **Hobbs: 612.9** **DATE: 07-24-2009**

New tube, LH tire, P/N: 097-500-0. I certify that this **Airframe** is airworthy with respect to the work performed.

W/O: 09-2696 Andrew J. Rasmussen AP 2771967

End of Back

See Back #2