

AIRCRAFT LOG
AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC92813

COLOR

FBC37121

COLOR

CLEAR

F3905

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. DEC. 07

SERIAL NUMBER 2834 REGISTRATION NUMBER N856SR

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

Inspection Status (Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

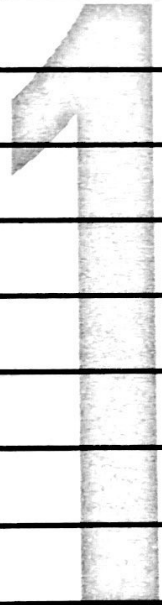
OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	TQ-550N	R 691445 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PHC-131F-1N	FP6266B
PROPELLER			
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ENGINE			
ENGINE			
PROPELLER			
PROPELLER			



MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

18/07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE

CDC  on 11 / 8 / 07.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

NAMI
PAI

INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. I

Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	21814-001	S/N <u>3881</u>	10/17 10/27
CAPS Parachute	20331-001	S/N <u>03143</u>	10/17 10/27
CAPS Reefing Line Cutters	5212	LOT <u>105073 003 - 045</u>	10/13 3/20
Oxygen Bottle Assembly	100N0020-4	MFG Date <u>06/07</u>	06/22 11/24
ELT Battery Pack	452-6504	Date Installed <u>11/07</u>	12/18 2/20
EMA Controller, AAIR	20902-001	S/N <u>05 SEP 07 - 13</u>	09/14 7/22
Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 192U 30353</u>	3/29 8/14/2014
Co-Pilot Seat Inflator Assy, AAIR	20902-002	S/N <u>AASI 192U 30364</u>	3/29 8/14/2014

DATE OF COMPLETION

AGENCY & CERTIFICATE NO.

SERVICE

MAKE: Cirrus
MODEL: SR22-G3 Turbo
S/N: 2834
REG NO: 856SR
WORK ORDER:
10517-12-2007

Cirrus Design Factory Service Center

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

DATE 1/3/2008
A/C TSN 13 5
HOBBS 13 5

Airframe Entries AD-07-24-13

(2) AD 07-24-13 NA due to date of manufacture and serial number. All other ADs and MSBs in compliance as of 2007-26 (6) Repaired paint on cowling top back left I.A.W. Cirrus A.M.M. 51-20... (8) Removed and Replaced RH MLG wheel part access cover (P/N 18138-002), with new, I.A.W. CDC SR22 AMM 32-10

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: 1/3/2008

SIGNED:


Steven LaMourea
Certified Repair Station No. YD5R855Y

Work Order: 10517-12-2007

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DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND
CRS VXWR051W

MANUFACTURER Cirrus

Model: SR22

S/N: 2834

Reg #: N856SR

Date 1/29/2008

W.O.: M080151

ACTT: 35.2

Flight Hours: 35.2

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Troubleshoot oxygen leak and found stainless steel line back in the tailcone that goes from the bottle to the filler port was leaking at the nut. Tightened nut but it did not fix the problem. The oxygen system was depleted and the line was removed and inspected. Found the compression ferrule that goes between the compression fitting and the nut was installed backwards and it would not seat or compress properly when tightened. Installed a serviceable line P/N: 102N0420-1 and charged system with aviator's breathing oxygen. Inspected fittings for leaks. No leaks noted at this time.

Signed:

Print:

John T. Gardner

for

COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND
CRS VXWR051W

Manufacturer: Cirrus

Model: SR22

S/N: 2834

Reg #: N856SR

Date 9/16/2008

W.O.: M080925

ACTT: 170.0

Flight Hobbs: 170.0

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed defective # 1 Alt. Field control module from the MCU and replaced with a serviceable module P/N 14605-001.

Signed:

Print:

John T. Gardner

for

COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

MAINTENANCE F.A.R.

VICE

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA

LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND

Cirrus Design Service Center

CRS VXWR051W


Manufacturer:	Cirrus	Date	12/16/2008
Model:	SR22	W.O.:	M081223
S/N:	2834	ACTT:	215.7
Reg #:	N856SR	Flight Hobbs:	215.7

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed worn left and right brake linings P/N 066-06200, shims P/N 068-01100 and o-rings P/N M83461/1-222 and installed new. Serviced as required with 5606H hydraulic fluid I/A/W Cirrus MM. Installed new temp sensors P/N 51698-001.

Retorqued right outboard elevator attach bolt and cotter pinned as required.

Signed: 
 Print: John T. Gardner

for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W



LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC

d/b/a MILLION AIR - RICHMOND

CRS VXWR051W

Manufacturer:	Cirrus	Date	8/8/2008
Model:	SR22	W.O.:	M080813
S/N:	2834	ACTT:	143
Reg #:	N856SR	Flight Hobbs:	143

AIRFRAME LOGBOOK INSERT


The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Installed upper hinge pins from kit #70186-005 for Cirrus SB 2X-52-07 R4 and lower hinge clevis bolts. Complied with AD 2008-14-13 Cabin Door Modification paragraph (e)(2) by following Cirrus Mandatory SB 2X-52-07 R4 dated Jan. 24, 2008 and installed kit #70186-005.

AD 2008-14-13 SB 2X-52-07-R4
 Adjusted striker pins on pilot door. Adjusted perimeter gap of door to frame and adjusted upper and lower striker pins to attain proper door alignment and latching.

Removed panel from left and right door to gain access to upper and lower latching mechanism. Inspected latching mechanism referencing Cirrus SR22 MM chapter 52-10. Both door outside latches ops check good at this time. Reinstalled door interior panels.

Repaired paint chip at aft edge of left door post by blending, primed, painted, applied clearcoat and blended clearcoat as needed.

Signed: 
 Print: John T. Gardner

for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W

SERVICE

DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

DATE COMPL



d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	Cirrus	Date	1/16/2009
Model:	SR22	W.O.:	M090108
S/N:	2834	ACTT:	216.0
Reg #:	N856SR	Flight Hobbs:	216.0
Hobbs:	244.3		

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

The Cirrus Design SR22 S/N: 2834 aircraft was inspected referencing current maintenance rules of the Federal Aviation Regulations for an Annual Inspection using the manufacturer's current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with annual inspection requirements for Precise Flight Oxygen System IAW instructions for continued airworthiness for STC SA01708SE. No defects noted at this time.

Complied with FAR 91.207(d) ELT inspection. Functional checked good. Batteries due replacement December 2012. ELT Artex Model ME406 S/N 06018.

Stop drilled crack in the left horizontal baffle. Fabricated a lap reinforcement using .040" 2024-T3 aluminum sheet metal and rivets, referencing AC 43.13.1B.

Sealed leading edge of transponder antenna base with pro-seal.

Removed sheared rivets in right horizontal baffle and installed 2 new CR3213-4-02 rivets.

Removed defective right MLG upper fairing clip and installed new clip P/N 13641-001.

Removed, cleaned and reinstalled induction air filter referencing Tornado Alley Turbo Report 215-10.

Complied with annual replacement of the brake caliper o-rings P/N M83461/1-222. Reinstalled brake assemblies, bled brakes and serviced brake reservoir with hydraulic fluid.

Removed left and right wing root fairings. Removed old adhesive and prepped surfaces. Installed fairings with new adhesive and sealed edges.

Removed left elevator. Removed defective bushing and installed new bushing P/N 50224-001. Reinstalled elevator and torqued bellcrank nuts to 175 inch pounds referencing SR22 MM 52-20.

Removed defective nose wheel valve side bearing and race. Installed new bearing P/N 08125-20629 and race P/N 08231-20629. Torqued bolt and safety wired.

Adjusted elevator neutral trim position to gain required trim deflections referencing Cirrus SR22 AMM.

Updated POH with Revision A8 as needed.

Complied with CDC SB 2X-08-01, As-Delivered Weight and Balance Correction, per service bulletin instructions SB 2X-08-01

Complied with SB 2X-21-03 R1, Air Conditioning Condenser Sealing, by installation of kit P/N 70220-001. No further action required.

Previously complied with CDC SB 2X-52-07 R4 on 8/8/08 @ 143.0 flight hobbs. SB 2X-21-03 R1

Complied with SB 2X-57-09. Flap Cove Patch Installation, referencing accomplishment instructions. Installed kit P/N: 70202-001. SB 2X-52-24

Signed:

Print:

[Signature]
John T. Gardner

for
COMMONWEALTH AVIATION SERVICE, INC.
F.A.A. Approved Repair Station No. VXWR051W

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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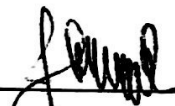
d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	Cirrus	Date	3/3/2009
Model:	SR22	W.O.:	M090307
S/N:	2834	ACTT:	235.8
Reg #:	N856SR	Flight Hobbs:	235.8
		Hobbs:	264.1

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Adjusted left door as needed so that it would close properly. All work done in reference to Cirrus SR22 AMM Chapter 52.

Signed: 
 Print: John T. Gardner
 for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W




d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	Cirrus	Date	4/30/2009
Model:	SR22	W.O.:	M090457
S/N:	2834	ACTT:	277.9
Reg #:	N856SR	Flight Hobbs:	277.9
		Hobbs:	306.2

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed and inspected left and right brake assemblies. Removed defective o-rings and installed new o-rings P/N: M83461/1-222. Removed worn brake lining shims and installed new shims P/N: 068-01100. Installed new temperature labels. Reinstalled brake assemblies. Serviced hydraulic fluid. Bled brakes and installed wheel fairings.

Signed: 
 Print: John T. Gardner
 for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE COMPLE
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d/b/a MILLION AIR - RICHMOND
 Cirrus Design Service Center
 CRS VXWR051W

Manufacturer:	Cirrus	Date	7/20/2009
Model:	SR22	W.O.:	M090740
S/N:	2834	ACTT:	344.9
Reg #:	N856SR	Flight Hobbs:	344.9
		Hobbs:	373.3

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed right brake. Disassembled brake and inspected. No damage noted. Removed o-rings and over temperature indicator. Applied new over temperature indicator P/N: 51698-001 and installed new o-rings P/N: M83461/1-222. Reassembled brake and installed on aircraft. Bled brakes as required. Performed ops check of brakes. Ops check normal. Work performed referencing Cirrus SR22 AMM.

Signed: *[Signature]*
 Print: John T. Gardner
 for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W



d/b/a MILLION AIR - RICHMOND
 Cirrus Design Service Center
 CRS VXWR051W

Manufacturer:	Cirrus	Date	7/21/2009
Model:	SR22	W.O.:	M090742
S/N:	2834	ACTT:	346.1
Reg #:	N856SR	Flight Hobbs:	346.1
		Hobbs:	374.5

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed nose tire and wheel assembly from aircraft. Disassembled and discarded old tire and tube. Cleaned and inspected all wheel components. No defects noted. Repacked bearings. Reassembled with a new tire and tube referencing Cleveland Wheel & Brake CMM. Serviced with nitrogen and performed leak check. No leaks noted. Installed nose tire and wheel assembly on aircraft. Tire P/N off: 505066-5 S/N off: 81830488 P/N on: 070-312-0 S/N on: 7166W00225. Tube P/N off: 5.00-5 P/N on: 092-308-0.

Signed: *[Signature]*
 Print: John T. Gardner
 for
 COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W

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




d/b/a MILLION AIR - RICHMOND
 Cirrus Design Service Center
 CRS VXWR051W

Manufacturer:	Cirrus	Date	8/13/2009
Model:	SR22	W.O.:	M090826
S/N:	2834	ACTT:	377.4
Reg #:	N856SR	Flight Hobbs:	377.4

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed right brake caliper and removed pistons. Installed new o-rings. Inspected caliper housing for damage. No damage noted. Reinstalled pistons in housing and reinstalled brake caliper. Bled brakes and serviced referencing Cirrus SR22 AMM. Installed new temperature label. P/N: 51698-001.

Signed: 
 Print: John T. Gardner
 for

COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W

LOGBOOK ENTRY



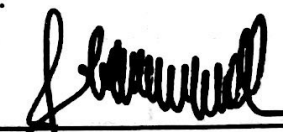
d/b/a MILLION AIR - RICHMOND
 Cirrus Design Service Center
 CRS VXWR051W

Manufacturer:	Cirrus	Date	9/15/2009
Model:	SR22	W.O.:	M090927
S/N:	2834	ACTT:	396.9
Reg #:	N856SR	Flight Hobbs:	396.9

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Inspected #2 battery and found voltage to be 3VDC. Removed battery packs and installed new battery packs. Ops check good at this time. P/N: 50979-001.

Signed: 
 Print: John T. Gardner
 for

COMMONWEALTH AVIATION SERVICE, INC.
 F.A.A. Approved Repair Station No. VXWR051W

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND

Cirrus Design Service Center

CRS VXWR051W

Manufacturer:	Cirrus	Date	1/21/2010
Model:	SR22	W.O.:	M091224
S/N:	2834	Hobbs:	492.6
Reg #:	N856SR	Flight Hobbs:	464.2
ACTT:	464.2		

AIRFRAME LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

The Cirrus Design SR22 S/N: 2834 aircraft was inspected referencing current maintenance rules of the Federal Aviation Regulations for an Annual Inspection using the manufacturer's current inspection guide and is approved for return to service. The following items were serviced, repaired and/or inspected as noted.

Complied with Annual Inspection requirements for Precise Flight Oxygen System I/A/W instructions for continued airworthiness for STC SA01708SE. No defects noted at this time.

Complied with FAR 91.207(d) ELT inspection. Functional checked good. Batteries due replacement December 2012. ELT Artex Model ME406 S/N 06018. COSPAS SARSAT (ME406) registration expires 12/31/09.

AD 2009-05-05 does not affect the PFD installed by serial number of the PFD.

Complied with SB 2X-27-16, Flap actuator Modification referencing accomplishment instructions. Installed kit, P/N: 70231-001.

Complied with SB 2X-30-07 R1 referencing accomplishment instructions.

Repaired cracks in right main wheel skirt. Blended, painted and clear coated. Installed erosion boot referencing Cirrus SR22 AMM 51-20.

Sanded, blended primed, painted, clear coated and polished left wing tip referencing Cirrus SR22 AMM 51-20.

Sanded, blended primed, painted, clear coated and polished right wing tip referencing Cirrus SR22 AMM 51-20.

Sanded, blended, primed, painted and clear coated damaged areas on all 3 engine cowls referencing Cirrus SR22 AMM 51-20.

Removed right elevator. Removed defective right elevator outboard bushing, hinge and hinge pin and installed new. Reinstalled right elevator, safetied pins and torqued bolts referencing Cirrus SR22 AMM 55-40. P/N: 50224-001, 11626-002 and 11621-002.

Removed battery from aircraft. Charged battery and serviced electrolyte. Reinstalled battery.

Removed defective induction air filter frame assy and installed new frame as needed. P/N: ETI-G2-35-1

Removed defective induction air filter and installed new filter referencing Cirrus SR22 AMM 71-60. P/N: 33-2022.

Removed and replaced magneto pressurization air filter. P/N: 1396-2

Removed defective right exhaust pipe and installed new exhaust pipe referencing Tomado Alley CA Manual. P/N: 22-6150021.

Removed defective air mixing chamber and installed new mixing chamber with new gasket referencing Cirrus SR22 AMM 21-40. P/N: 21823-004 & 17388-001

Removed defective left and right heat exchanger sceet ducts and installed new sceet ducts referencing TATI 22-6460004.


Blended cracks on NLG wheel fairing. Primed and painted and applied protective cover referencing Cirrus SR22 AMM 51-20.

Removed defective VOR antenna grommets and sealant. Installed new grommets. Trimmed to fit and sealed grommets referencing Cirrus SRS22 AMM 34-50. P/N: MS35489-135.

Blended eroded area on vertical stabilizer. Primed, painted and clear coated referencing Cirrus SR22 AMM 51-20.

Rigged elevator neutral position referencing Cirrus SR22 AMM 27-30.

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>Removed left main tire and wheel assembly from aircraft. Disassembled and discarded old tire. Cleaned and inspected all wheel components - No defects noted. Reassembled with a new tire and original tube. Torqued bolts as required and serviced with nitrogen. Installed left main tire and wheel assembly on aircraft referencing Cleveland Wheel and Brake MM section 300 part B, C and D. Tire P/N off/on: 070-449-0 S/N off: 72780227 S/N on: 7230W00613.</p> <p>Removed right main tire and wheel assembly from aircraft. Disassembled and discarded old tire. Cleaned and inspected all wheel components - No defects noted. Reassembled with a new tire and original tube. Torqued bolts as required and serviced with nitrogen. Installed right main tire and wheel assembly on aircraft referencing Cleveland Wheel and Brake MM section 300 part B, C and D. Tire P/N off/on: 070-449-0 S/N off: 72780341 S/N on: 7160W00165.</p> <p>Complied with annual replacement of the brake caliper o-rings P/N: M83461/1-222. Reinstalled brake assemblies, bled brakes and serviced brake reservoir referencing SR22 MM Chapter 32-42.</p> <p>Installed new switch guard on oxygen switch as required referencing Cirrus SA 08-05. P/N: 100N2125-1.</p> <p>Removed brake temperature indicators and installed new referencing Cirrus SR22 AMM 32-42. O-ring replacement done item # 125 this work order. P/N: 51898-001.</p> <p>Removed rudder for access to aircraft data logger. Removed defective aircraft data logger and installed new data logger. Ops check good. Reinstalled rudder. Work performed referencing Cirrus SR22 AMM 31-30. P/N off: 17518-004E S/N off: 0741010 P/N on: 17518-005 S/N on: 0742301.</p> <p>Removed defective right and left brake linings and installed new linings referencing Cirrus SR22 AMM 32-42. P/N: 066-06200.</p> <p>Removed defective right brake shim and installed new shim referencing Cirrus SR22 AMM 32-42. P/N: 068-01100.</p> <p>Filled cracks on pilot's and co-pilot's door flanges. Blended, primed, painted and clear coated referencing Cirrus SR22 AMM 51-20.</p> <p>Straightened out bent lower latch on co-pilot's door and inspected. Checked ok. Door ops checked good.</p>	
			<p>Adjusted strut gaps on both left and right MLG struts referencing Cirrus SR22 AMM 32-10.</p> <p>Complied with 2 year time change of TKS filter and cleaned in-line strainer referencing Cirrus SR22 AMM 30-05. P/N: 26115-101.</p> <p>Complied with magnetometer 24 month calibration referencing Cirrus SR22 AMM 34-20.</p> <p>Removed defective nose wheel races and bearings and painted race seats. Installed new races. Packed new bearings and installed. Reinstalled nose wheel assy onto aircraft referencing Cirrus SR22 AMM 32-41. P/N: 214-00400 and 08231-20629</p> <p>Removed defective right MLG strut grommet and installed new grommet P/N: 16937-001. No play noted. Removed left MLG assy. Removed defective left upper strut end assembly and installed new strut end assembly P/N: 18561-412. Reinstalled left MLG assembly. No play noted. Gaps on both MLG struts are within limits. Work performed referencing Cirrus SR22 AMM 32-10.</p> <p>Removed headliner. Removed defective grab handles and installed 2 new grab handles. Replaced pilot's side aft cap screw. Reinstalled headliner referencing Cirrus SR22 AMM 53-20. P/N: 10690-003.</p> <p>Reattached and sealed wing root fairing left lower side referencing Cirrus SR22 AMM 53-50.</p> <p>AD 2009-26-01 N/A, by serial number.</p> <p>Removed TAWS card and installed new TAWS card as required with updated version. P/N off: 071-00167-0102 version 446N P/N on: 071-00167-0101 version 454A. Cirrus P/N: 15963-201.</p>
			<p>Signed: </p> <p>Print: <u>John T. Gardner</u></p> <p style="text-align: center;">for COMMONWEALTH AVIATION SERVICE, INC. F.A.A. Approved Repair Station No. VXWR051W</p>

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 21678



Hobbs: 553.6
 FHM: 525.3
 Total Time:
 Date: 5/12/10

Replaced TIT probe. Installed new probe p/n 86245. Ground ran acft and ops check normal. For further details see WO# 21678 on file this station.

Timothy J. Roberts
 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 21690



Hobbs: 564.1
 FHM: 535.7
 Total Time:
 Date: 5/20/10

Replaced A/C compressor belt drive hub bushings p/n 1133089-1 and bolts p/n AN3H10A. Ground ran acft. Ops check normal. For further details see WO# 21690 on file this station.

Timothy J. Roberts
 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Reg #: N856SR
Model: Cirrus SR22
Serial: 2834
Work Order #: 21769



Hobbs: 579.5
Flight: 551.2
Total Time: N/A
Date: 7/19/2010

Removed & replaced A/C drive shaft with new P/N 1133175-1 and drive pad gasket with new P/N 51052-001. Ground ran acft. No defects noted. For further details see WO# 21769 on file this station.


For Air Care, Inc.
FAA Repair Station
AC0R030C

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Reg #: N856SR
 Model: Cirrus SR22
 Serial: 2834
 Work Order #: 21909



Hobbs: 620.0
 FHM: 591.6
 Total Time: 591.6
 Date: 12/23/2010

Performed annual inspection using Cirrus SR22 M/M scheduled inspection report as a guide. Performed annual inspection of ELT I/A/W FAR 91.207(d). No corrosion or defects noted. ELT ops check normal. Performed annual inspection of fire extinguisher. No defects noted. C/W Precise Flight oxygen system ICA. Performed Tornado Alley Turbo Normalizing System ICA. C/W SB2X-30-07R3 by inspection. No defects noted. C/W SB2X-32-19R2 by inspection. No defects noted. Due next at FHM: 691.6. Safetied LH aileron hinge bolts. Serviced oxygen. Replaced LH aileron gap seal w/ new seal P/N 14390-002-01. Replaced LH & RH brakes discs w/ new P/N 164-02504 & linings P/N 006-06200. Replaced seals P/N 15164-091 on fwd TKS line. Replaced rudder hinge bearing P/N MS27641-4 & bolt P/N AN4-10. Replaced TKS reservoir fill cap P/N 18052-102. Replaced nose gear shock absorber discs w/ new P/N 13386-001 (6 ea) & bumper P/N 18380-001. Serviced TKS system. Replaced alt #1 clutch w/ overhauled unit P/N 646655, S/N DRK114747. Unit overhauled by CRS# II2R899K under WO# 469442. Replaced alt #1 brush set w/ new P/N ALU-3045BS. For further details see WO# 21909 on file this station. I certify that this acft has been inspected I/A/W an annual inspection & is approved for return to service.


 For: Air Care, Inc.
 FAA Repair Station
 AC0R030C

INSPECTION RECORD
F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME
IN SERVICE

04 DEC 07

13.0

Production Flight Test accomplished in accordance with
Cirrus Procedure #90502

Name: Nate Alm

Date 04 DEC 07

Signature:

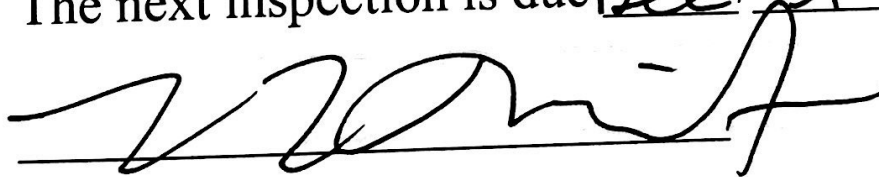


Title: Production Flight Test Pilot

Dec 07 2007

13.0 hrs

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated Dec 07 / 2007.
The next inspection is due Dec 31 / 2008



LOREN L. THIBERT
ODARF-405228-CE