

N197PG

Logbook #2

The Standard
AIRCRAFT LOG

2

ASA-SA-2

The Standard
AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log
SA-2

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ASA-SA-2

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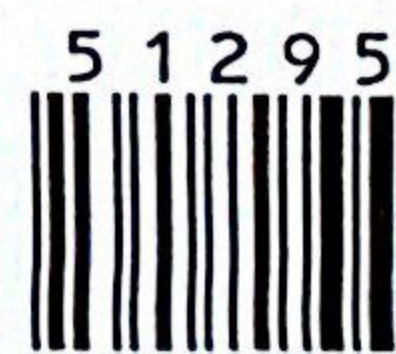


P N R A S A - S A - 2

ISBN 978-1-56027-117-8



9 781560 271178



5 1 2 9 5

Aircraft Record General Information

Manufacturer CIRUS Model SR-20
Serial 1969 Registration Number N197PG
Date of Manufacture APRIL 2008

Engine(s) currently installed:

Manufacturer TELEDYNE CONT Model IO-360-ES Serial 360659
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL PROPELLER INC Model PHC-J34F-1RF
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

Registered Owner Record

Name _____ **Address** _____

City _____ **State** _____ **From** _____ **To** _____

Name _____ **Address** _____

City _____ **State** _____ **From** _____ **To** _____

Name _____ **Address** _____

City _____ **State** _____ **From** _____ **To** _____

Name _____ **Address** _____

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Name _____ **Address** _____

City _____ **State** _____ **From** _____ **To** _____

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[illegible]

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



d/b/a MILLION AIR - RICHMOND

Cirrus Design Service Center

CRS VXWR051W

Manufacturer:	Cirrus	Date:	10/29/2013	Engine:	TCM	Propeller:	Hartzell
Model:	SR20	W.O.:	M130923	Model:	IO-360-ES(21)	Model:	PHC-J3YF-1FR
S/N:	1989	FHM:	608.4	S/N:	360659	S/N:	FP6643B
Reg #:	N197PG	Hobbs:	719.6	TTE:	608.4	TTP:	608.4
TAT:	608.4						

AIRFRAME LOGBOOK INSERT

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations. Pertinent details of this work order are on file at this repair station.

Service Bulletins

SB 2X-21-05 "Cabin Air Coupler Actuator Rigging" no action required at this time.

SB 2X-27-16 R2 "Mod. To Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions" complied with.

SB 2X-57-13 R2 "Lower Landing Gear Attach Bracket Torque" complied with.

SB 2X-74-01 "Fine Wire Spark Plugs Replacement" was previously complied with.

SB 2X-77-04 R1 "MAP/Oil Pressure Sensor Replacement" was not complied with. Customer reported no problems with either system.

Maintenance

Complied with 500 hour lower engine mount retorque

Complied with 24 month magnetometer calibration. REF: AMM 34-20.

Complied with annual replacement of induction air filter with new element (BA24).

Complied with 5 year replacement of ELT RCPI battery (28L). Battery due replacement Aug. 2016. *

Complied with replacement of ELT battery with new battery (452-6499). Battery due replacement Jan. 2020. *

Updated POH with revision A10 (11934-003), all supplements are current.

Replaced fuel filter gascolator drain valve assembly with new assembly (60242-001).

Installed new Interbaffle fastener (641346) and spring (641347) between cylinders 4 & 6.

Serviced main battery with distilled water and charged.

Cleaned and lubricated prop governor and throttle cables.

Replaced NAV/VOR antenna grommet with new grommet (MS35489-20).

Rigged rudder pedal neutral position as required and installed new turnbuckle cable clips (MS21256-2).

Secured jamnut on right rear passenger headset jack.

Rigged right door internal release cable to open the upper and lower latches at the same time.

Installed flap actuator kit (70255-001).

The above maintenance was accomplished referencing the Cirrus SR20 Airframe Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this aircraft is approved for return to service.

Inspections

The aircraft listed above was inspected for an Annual Inspection using the manufacturer's current inspection guide (revised 01 Feb. 2013) and is approved for return to service.

Complied with 14 CFR 91.207(d), annual ELT inspection Artex ME406 S/N: 09037 ELT. Battery due replacement Jan 2020.

Complied with annual ICA inspection requirements for the Avidyne DFC 90 installed autopilot.

The above inspections were accomplished in accordance with the Cirrus SR20 Airframe Maintenance Manual and/or vendor manuals as required by 14 CFR 91.409(a)(1). With regard to the work performed, I certify that this aircraft is in airworthy condition.

Signed:

Print:

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

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

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND

Cirrus Design Service Center

CRS VXWR051W

Manufacturer:	Cirrus	Date	7/1/2014	Engine:	TCM
Model:	SR20	W.O.:	M140621	Model:	IO-360-ES
S/N:	1969	FHM:	697.6	S/N:	360659
Reg #:	N197PG	Hobbs:	808.9	TTE:	697.6
TAT:	697.6				

AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and inspected in accordance with current Federal Aviation Regulations. Pertinent details of this work order are on file at this repair station.

Maintenance

Complied with 6 year replacement of CAPS line cutters with new line cutters (Kit P/N: 25347-002), manufacture date 05/2014. REF: CAPS Maintenance Manual.

Replaced flight hobbs differential pressure switch with a new switch (14128-001). OP's and leak checks good. REF: SB 2X-31-01, dated Oct. 13, 2006.

The above maintenance was accomplished referencing the Cirrus SR20 Airframe Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this airframe is approved for return to service.

Signed: _____

Print: _____

John T. Gardner

for

COMMONWEALTH AVIATION SERVICE, INC.

d/b/a MILLION AIR - RICHMOND

F.A.A. Approved Repair Station No. VXWR051W

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center
CRS VXWR051W

Manufacturer:	Cirrus	Date	7/1/2014	Engine:	TCM
Model:	SR20	W.O.:	M140621	Model:	IO-360-ES
S/N:	1969	FHM:	697.6	S/N:	360659
Reg #:	N197PG	Hobbs:	808.9	TTE:	697.6

ENGINE LOGBOOK INSERT

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations. Pertinent details of this work order are on file at this repair station.

Maintenance

Removed, cleaned, gapped, tested and reinstalled all spark plugs. OP's checked good. Magneto drops normal on engine run.
The above maintenance was accomplished referencing the TCM IO-360-ES Engine Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this engine is approved for return to service.

Signed: _____

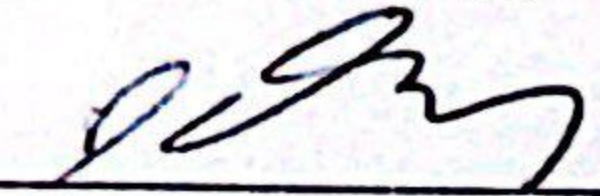
Print: _____

John T. Gardner

for

COMMONWEALTH AVIATION SERVICE, INC.
d/b/a MILLION AIR - RICHMOND
F.A.A. Approved Repair Station No. VXWR051W

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				The Altimeter, Static System and Automatic Altitude Reporting System test as required by FAR 91.411 have been performed and found to be in compliance with FAR 43, Appendix E. The altimeter was tested to <u>20,000</u> ft. on Date <u>9-25-14</u> WO# <u>P14-6780</u>  Inspector for Heart of Virginia Aviation, Inc CRS# H70R844W HOV-103R4
				The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F. #1 Make <u>Garmin</u> Model <u>GTX 327</u> SN: <u>83732827</u> #2 Make <u>_____</u> Model <u>_____</u> SN: <u>_____</u> Date <u>9-24-14</u> WO # <u>P14-6780</u>  Inspector for Heart of Virginia Aviation, Inc CRS# H70R844W HOV-104

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005  Phone: 804-798-6500 Fax: 804-798-6544 WO #14-6781 N197PG Hobbs: 835.1 Adjusted and tested nose wheel fork assembly. Adjusted torque to 22lbs of force. All operation checks satisfactory and aircraft is approved for return for service. Daniel Mcsherry AP3110300 
				Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005  Phone: 804-798-6500 Fax: 804-798-6544 WO #14-6781 N197PG Hobbs: 835.1 Drained oil and changed filter, no contamination found. Serviced with 8 quarts of Phillips 20W50 oil and added new filter. All operation and leak checks satisfactory and aircraft is approved for return for service. Daniel Mcsherry 

[illegible]

DOMINION AVIATION

Date: 11/13/2014; Aircraft: 197PG; Type: CIRRUS SR-20; S/N: 1969; Hobbs: 836.80; Tach:; Total Time: 717.30; Engine - Type: IO-360-ES21, S/N: 360659, Time: 717.30; Prop - Type: PHC-J3YF-1RF, S/N: FP6643B, Time: 717.30

**** AIRFRAME ****

-Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus maintenance manual chapter 5-20-00, page 4-20.

-Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.

-Complied with the 100 hour and 12 month lubrication as required in chapter 12.

-Removed the battery from the aircraft. Serviced and charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft.

-Serviced the tires as required. Nose to 30 psi and mains to 62 psi with shop air. Reference Cirrus SR20 maintenance manual 12-10, figure 12-101.

-Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 500g. Installed a new placard on the fire extinguisher. Reinstalled the extinguisher in the aircraft.

-Complied with the flight control travel and cable tension check with no discrepancies noted. Reference Cirrus SR20 T.C.D.S and maintenance manual 06-00.

Inspected the ELT as per FAR 91.207(d).

MAKE :Artex

MODEL :ME-406

SERIAL :09032

THE BATTERY EXPIRES :Jan. 2020

-Checked and listed all applicable Airworthiness Directives using ATP revision dated 11/07/2014. No new ADs posted this date. Complied with the logbook research.

Updated the computer profiles.

and Alterations

ertificate Number of
er specific entries.)

CONTINUED NEXT PAGE *CD*

YEAR
20
DATE

- Removed air filter bracket and air filter, removed old filter element and installed new filter element part # BA-24. reinstalled filter and bracket with new cotter pin.
- Replaced right main tire. Reference Cirrus SR20 maintenance manual 32-41.
- Cleaned, visually inspected and greased main and nose wheel bearings. Reference Cirrus SR20 maintenance manual 32-41.
- Replaced outboard spring for right exhaust extension. Reference Cirrus SR20 maintenance manual chapter 78.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station.

Signed

[Signature]

CRS# ODAR018H

I certify that this Airframe has been inspected in accordance with a/an Annual inspection and was determined to be in airworthy condition. Details on file at this facility.

Inspector

[Signature]

Work Order #

25753

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-2

Revisions and Alterations

(List Certificate Number of
or other specific entries.)

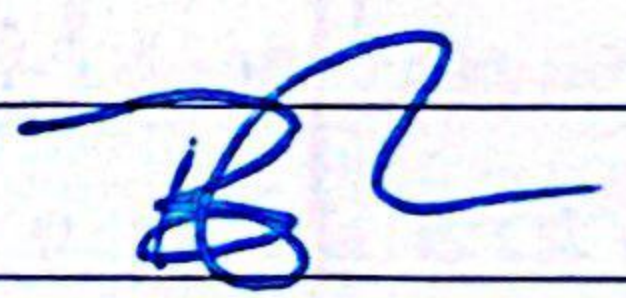
YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Hobbs	Tach		
2/8/15	962.2			Owner Conducted 50hr service
	962.2	819.7		- changed oil with 8 quarts of Phillips XC20W50
				- changed Oil Filter Champion CH48108-1
				- Checked all 50 hr. Maintenance items
				- Found Brake pads to be ^{out} of tolerance
				Changed with Cleveland 066-10500
				brake linings and Rapco RA105-002
				brake lining rivets
				- Found left main tire worn - replaced
				with Michelin Air 15X6.0-6
				- Packed wheel bearings
				- Found right brake disc worn - replaced
				with Rapco RA164-01501
				Pilot Certification 3789169
				3789169

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	Hobbs	Tach		Owner Conducted 50hr. Service
3/14/15	1007.7	858.5		- Changed oil with 8 quarts of Phillips XC20W50
				- Changed oil filter w/ Champion CH48108-1
				- Changed 12 Spark Plugs w/ Champion RHM38E
				- Checked all 50hr. Maintenance items
				Pilot Cert. 3789169

[illegible]

YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/7/15	140663 1134.7	Tach 967.5		Owner Conducted 50hr. Service
				- Changed oil w/ 8 quarts of Phillips XC 20W50
				- Changed Oil Filter w/ Champion CH48108-1
				- Completed all 50hr Maintenance Items (Right main gear tire showing wear - needs replaced next service)
				- Checked Cylinder Compression see engine log
				 Pilot Cert. # 3789169

YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/4/15	Holobas 1189.5	Taxi 1015.8		Owner Conducted 50hr Service - Changed Oil w/8 quarts of Phillip's XC20w50 - changed Oil Filter w/Champion CH48108-1 - Completed all 50hr Maintenance items - Replaced Right main gear tire w/Michelin Aviator 15x6.0-6ply - Replaced Nose wheel tire w/Goodyear 500-5 6ply 50SC61-8 - Greased wheel bearings in right main gear wheel and Nose wheel - Checked Cylinder Compression see engine log Pilot Cert. #3989169 

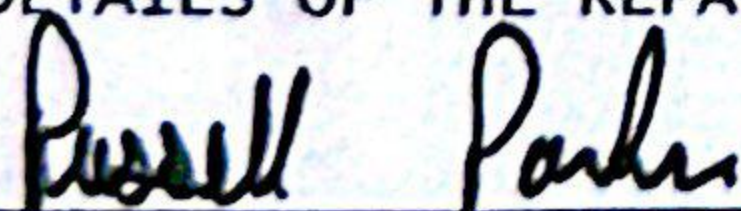
YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/15/15	Hobbs 1236.8	Tach 1058.4		Owner Conducted 50hr. Service
				- Changed Oil w/8 quarts of Phillips XC20w50
				- Changed Oil Filter w/Champion CH48108-1
				- Completed all 50hr Maintenance Items
				Pilot Cert # 3789169 

BEVAN-RABELL, INC. 1880 S AIRPORT ROAD WICHITA, KS 67209 CRS KG2R951K
LOG ID# 7169 17-September-2015 WO# 59950 HOBBS 1241.3
N197PG S/N 1969 CIRRUS SR20

Right Main

Pg 1 / 1

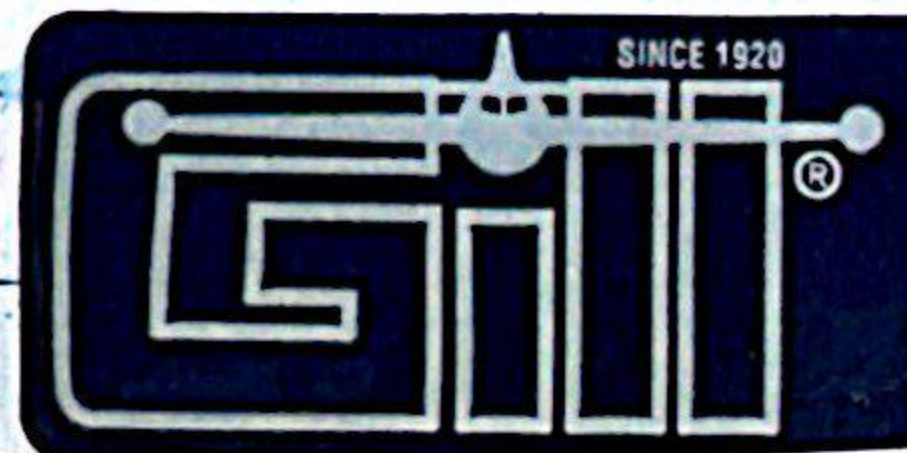
INSTALLED A NEW 15/6.00X6 TUBE AND SERVICED TO 62 PSI.
THE AIRCRAFT OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS AIRWORTHY, RELATED TO THE WORK PERFORMED.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

 9-17-2015

KG2R951K RUSSELL PARKER

Date

YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<u>10/8/15</u>				Replaced Gill G-243 Battery #1 with like G-243



G02883254

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 17186 01-November-2015 WO# 15456
N197PG S/N 1969 CIRRUS SR20
AC TT 1094.6 HOBBS 1094.6

Pg 1 / 1

AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

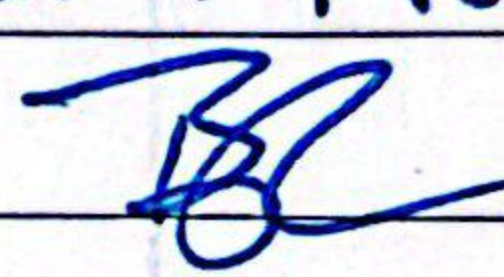
NO AD'S DUE AT THIS ANNUAL. REPLACED THE FOLLOWING: ONE NOSEWHEEL BEARING P/N 08125 AND RACE P/N 08231, ONE MAINWHEEL BEARING P/N 13889 AND RACE P/N 08231, LEFT AND RIGHT BRAKE CALIPER O-RINGS P/N M83461/1-222 AND TEMPERATURE LABELS P/N 51698-001 AND P/N 51698-003, EMA CONTROLLER WITH REBUILT UNIT BY AMSAFE INC. WO# 99220-1 DATED 09-14-2015 S/N RA12SEPT15-8 - NEXT DUE SEPT 2022, #2 BATTERIES P/N 50979-001-NEXT DUE OCT 2017, ONE COWL CAMLOC P/N S3412-107. REPAIRED ALL THREE COWLING PIECES - NOSE AREA, COMPOSITE REPAIRS, SANDED, PRIMED, PAINTED AND BUFFED. REATTACHED LEFT AND RIGHT MAINGEAR FAIRING GROMMETS. ROTATED LEFT MAIN TIRE FOR WEAR. SERVICED TIRES. LUBRICATED AIRCRAFT. SERVICED BATTERY. INSPECTED ELT S/N 09037 IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. BLED BRAKES. VISUALLY INSPECTED BRAKES AND LININGS. COMPLETED PULL TEST ON NOSE GEAR PIVOT 25LBS AS REQUIRED BY CIRRUS DESIGN MAINTENANCE MANUAL SECTION 32-20. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#15456 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Daniel L Hendall

Signed DK7R795J FOR DLK AVIATION, INC.

YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/6/15	Hobbs 1328.5	Tach 1140.1		Owner Conducted 50hr Service
				- Change Oil w/ 8 quarts of Phillips XC20W50
				- Changed Oil Filter w/ champion CH48108-1
				- Completed all 50hr. Maint. items
				- Pilot Cert. # 3789169 
	Hobbs	Tach		
3/17/16	1384.5	1190.6		Owner Conducted 50hr Service
				- changed Oil w/ 8 quarts of Phillips XC20W50
				- Changed Oil Filter w/ champion CH48108-1
				- Completed all 50hr. Maint. Items
	Hobbs	Tach		- Pilot Cert # 3789169 
4/26/16	1437.6	1237.8		Owner conducted 50hr Service
				- Changed Oil w/ 8 quarts of Phillips XC20W50
				- Changed Oil Filter w/ champion CH48108-1
				Cont...

[illegible]

Avwest Atlanta ALT #1

P.O. Box 2032

Kennesaw, GA 30156

Phone: 678-354-6255

FAX: 678-354-6248

Date: 10-11-16 W.O.# 2207 N# 197PG

ALTIMETER SCALE ERROR				VWIR654K	
NONMENCLATURE				SER#	
ALTIMETER PRESSURE				20030237	
TEST PT (FT)	INDICATOR READINGS AT +25C	TEST PT (FT)	INDICATOR READINGS AT +25C	TEST PT (FT)	INDICATOR READINGS AT +25C
-1000	-5	10000	+5		
000	-5	12000	+5		
500	0	14000	+5		
1000	-5	15000	+10		
1500	-10	16000	+10		
2000	0	18000	-5		
3000	-5	20000	-5		
4000	+5	22000			
5000	0	25000			
6000	0	30000			
8000	0	35000			

Avionics West, Inc. dba Avwest Atlanta

1723 McCollum Parkway

Hangar 430

Kennesaw, GA 30144

Tel: 678-354-6255

Fax: 678-354-6248

WO# 2207

DATE: 10/11/16

N# 197PG

A 2 year IFR Certification was performed on this aircraft. Complies with FAR 43 appendix E and F, FAR 91.411, FAR 91.413. Altimeter tested per FAR appendix E section (b).

This A/C and/or component was repaired and inspected in accord w/ current FARs and is approved for return to service.

Signed

[Signature]

-CRS# VWIR654K

MAINTENANCE RELEASE

The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found air worthy for return to service. Details of the repair are on file under Work Order;

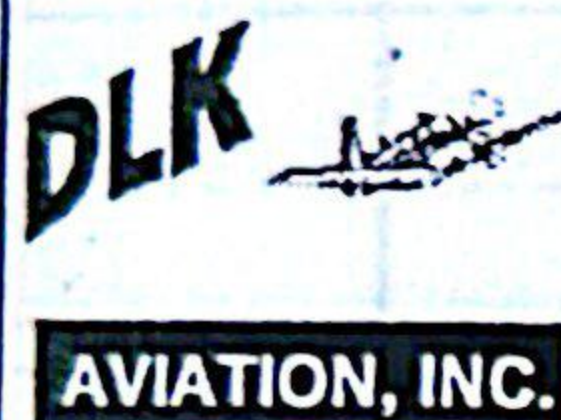
WO# 2207

DATE 10-11-16 SIGNED *[Signature]*

AVIONICS WEST, INC.

VWIR654K

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Deer Strike on 9/21 Repairs below.



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
 LOG ID# 18259 26-October-2016 WO# 16527
 N197PG S/N 1969 CIRRUS SR20
 HOBBS 1323.7

Pg 1 / -

*** AIRFRAME LOG ENTRY ***

REPLACED L/H MAIN TIRE AND TUBE. REBUILT L/H & R/H BRAKE CALIPERS BY REPLACING HIGH TEMP O-RINGS P/N M83461/1-222 AND TEMPERATURE INDICATORS. REPLACED LH AND RH BRAKE LININGS. REPLACED LANDING GEAR PUCK PAN P/N 18824-001. PERFORMED BRAKE LINING BREAK IN PROCESS. INSTALLED PAINT PROTECTIVE FILM ON L/H MLG STRUT FAIRING. TOUCHED UP PAINT ON UNDERSIDE OF L/H WING.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16527 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed  DK7R795J FOR DLK AVIATION, INC.

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

AVIATION, INC.

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
 LOG ID# 18256 26-October-2016 WO# 16526
 N197PG S/N 1969 CIRBUS SR20
 AC TT 1531.5 HOBBS ~~4531.5~~ **1323.7**

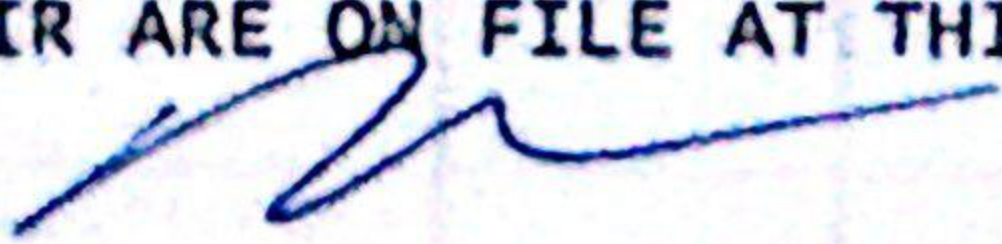
Pg 1/1

*** AIRFRAME LOG ENTRY ***

ANNUAL INSPECTION COMPLETED. NO ADS DUE THIS INSPECTION. COMPLIED WITH S/B 2X-52-08R2 BY INSTALLING KIT 70544-001. REPLACED RIGHT RECOGNITION LAMP P/N A 508-28. RESEALED ANTENNAS ON TOP OF FUSELAGE. INSTALLED CHAFE TAPE ON UPPER AND LOWER ENGINE COWLS. INSTALLED HEAT TAPE ON LOWER ENGINE COWL. REPLACED CO-PILOT DOME SWITCH. RESEALED LEFT BELLY HEAT SHIELD. REPLACED NLG REBOUND BUMPER P/N 18380-001. SERVICED TIRES. LUBRICATED AIRCRAFT. INSPECTED ELT IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. BLED BRAKES. VISUALLY INSPECTED BRAKES AND LININGS. REPLACED LEFT MAIN TIRE AND TUBE. REBUILT LEFT & RIGHT BRAKE CALIPERS BY REPLACING HIGH TEMP O-RINGS P/N M83461/1-222 AND TEMPERATURE INDICATORS. REPLACED LEFT AND RIGHT BRAKE LININGS - PERFORMED BRAKE LINING BREAK-IN PROCEDURE. REPLACED LANDING GEAR PUCK PAN P/N 18824-001. INSTALLED PAINT PROTECTIVE FILM ON L/H MLG STRUT FAIRING. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16526 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed  DK7R795J FOR DLK AVIATION, INC.

YEAR 20 <u>14</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/2/14				See Engine log for Notes on repair of cylinder #5 and oil changes subsequent
12/21/14	1559.67	Total		Owner conducted oil change
	1348.40	Hobbs		Squats Phillips XC20W50
				Oil filter champion C448108-1
				Pilot Cert 3789169 



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
 LOG ID# 18700 10-April-2017
 N197PG S/N 1969 CIRRUS SR20
 HOBBS 1351.2

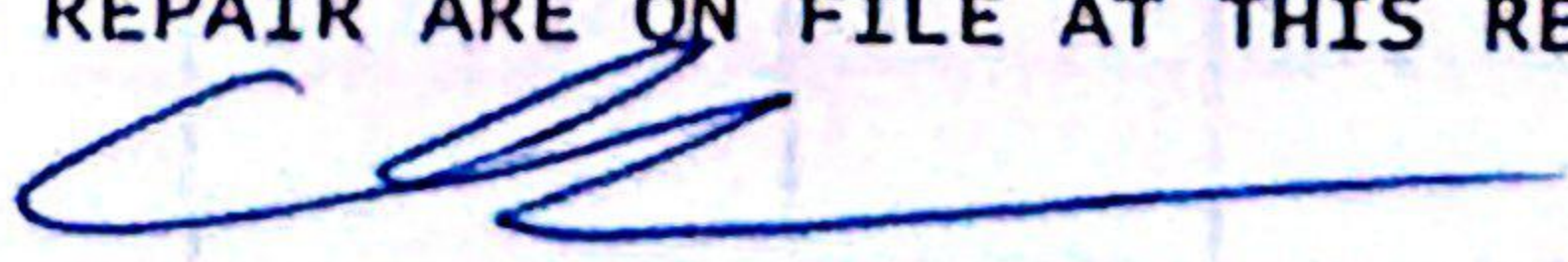
Pg 1 / 1

*** AIRFRAME LOG ENTRY ***

REPLACED LH FLAP ASSY PN 16891-001-01 SN 1820. ADDED CHAFE TAPE AS REQUIRED. CHECKED RIGGING OF FLAP AND ALL CHECKS SATISFACTORY.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#17140 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


 Signed DK7R795J FOR DLK AVIATION, INC.

YEAR 20 <u>11</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/19/17	1614.17 1399.40	Total Hobbs		Owner Conducted 50hrs 8 quarts phillips XC 20W50 Oil Filter / Champion CH 48188-1 Pilot Cert. 3789169 BJC

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
 LOG ID# 19237 19-October-2017 WO# 17475
 N197PG S/N 1969 CIRRUS SR20
 AC TT 1455.2 HOBBS 1455.2

AVIATION, INC.

*** AIRFRAME LOG ENTRY ***

NO AD'S DUE THIS ANNUAL INSPECTION. LUBRICATED THROTTLE CABLE. CLEANED AND CHECKED ENTER BUTTON ON #2 GPS - OPS CHECK OK. REPLACED L/H AILERON GAP SEAL. REPLACED CABIN AIR SCAT HOSE. REPLACED ENGINE COWL SEALS AND CHAFE TAPE. SECURED LANDING LIGHT HARNESS. REPLACED POSITIVE TERMINAL BOOT ON BATTERY #1. INSTALLED L/H FLAP "NO PUSH" PLACARD. REPLACED NLG HARDWARE & ADJUSTED PULL TENSION. INSTALLED NEW #2 BATTERIES P/N REPLACED L/H NOSE WHEEL BEARING RACE. BONDED L/H HEAT SHIELD. SERVICED TIRES. LUBRICATED AIRCRAFT. SERVICED BATTERY. INSPECTED ELT S/N 09037 IN ACCORDANCE WITH FAR 91.207D (d1)(d2)(d3)(d4). REPACKED WHEEL BEARINGS. VISUALLY INSPECTED BRAKES AND LININGS. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#17475 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed  DK7R795J FOR DLK AVIATION, INC.

YEAR 20 <u>18</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/10/	1715.3	1490.1		50 Hrs. Owner Conducted. early for schedule 8 quarts phillips XC20W50 oil filter/champion CH 48108-1 Pilot Cert. 3789169

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 19866 07-June-2018 WO# 18266
N197PG S/N 1969 CIRRUS SR20
HOBBS 1530.3

AVIATION, INC.

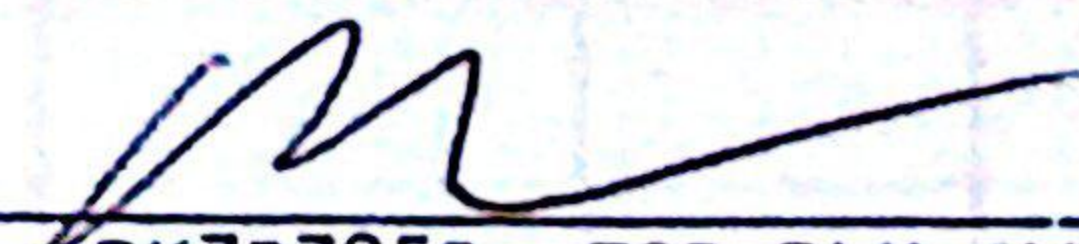
Pg 1

*** AIRFRAME LOG ENTRY ***

COMPLIED WITH SB 2X-95-18R4 BY REPLACEMENT OF PARACHUTE WITH REBUILT UNIT BY CIRRUS DESIGN CORP WO#18266 DATED MAY 29, 2018 PN 25574-002-REB SN 03451R1-NEXT DUE MAY 2028. REPLACED ROCKET ASSEMBLY WITH NEW UNIT KITS PN 29500-003 AND 29554-001 SN 3213-NEXT DUE MAY 2028. COMPLIED WITH SERVICE BULLETIN 2X-95-24R1 BY INSTALLING PN 70572-001 CAPS SHELF GROUND WIRE.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#18266 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed  FOR DLK AVIATION, INC.

6/8/18	1748.6	1531.2		50 Hrs. Owner Conducted 8 quarts phillips XC20W50 oil filter/champion CH 48108-1 Pilot Cert. 3789169

[illegible]



AVIONICS

Performed the 91.411 and 91.413 tests on PFD, Standby Altimeter and Transponder. Found these systems to be within limits in accordance with FAR Part 43 appendix E and F.

PFD

91.411 and 91.413 Calibration Record

Dominion Aviation CRS #ODAR018H
7511 Airfield Dr. Richmond VA 23237
804-271-7793

Aircraft Tail #		N197PC		S/N:	1969	
Date:		10/25/2018		S.O. #	30923#2	

Altimeter			Encoder	
P/N	700-00006-000		P/N	A-30
S/N	200230237		S/N	112127
Position	PFD/ADC		Position	SINGLE

Altitude	Scale		Friction	
	Error	Tolerance ± ft	Measured	Tolerance ± ft
-1000	10	20		
0	0	20		
500	0	20		
1000	0	20	0	70
1500	5	25		
2000	0	30	0	70
3000	0	30	0	70
4000	0	35		
5000	0		0	70
6000	0	40		
8000	0	60		
10000	0	80	0	80
12000	0	90		
14000	5	100		
15000	0		0	90
16000	5	110		
18000	5	120		
20000	5	130	0	100
22000		140		
25000		150		
30000		180		
35000		205		
40000		230		
45000		255		
50000		280		

Data Correspondence			
On	Off		
-20	80		
-30	70		
-50	50		
-50	50		
-50	50		
-50	50		
-50	50		
-50	50		
-40	60		
-40	60		
-40	60		
-40	60		
-40	60		
-30	70		
-30	70		
-30	70		
-30	70		

Hysteresis			
Alt	Up	Down	Tol
50%	0	0	75ft
40%	0	0	75ft

Baro Scale Error		
Scale	Error	Tol ± 25 (ft)
28 10	out of range	-1727
28 50	out of range	-1340
29 00	-860	-863
29 50	-390	-392
29 92	0	0
30 50	530	+531
30 90	890	+893
30 99	927	+974

Transponder			
P/N	011-00490-00		
S/N	83732827		
Position	SINGLE		
Transponder Test Results			
Frequency	1088.86 Mhz	Peak Power	200 watt
Receiver Sen / MTL	-74dBm	% No Reply / SLS	0db
% Reply	-9db	Reply Jitter	PASS
Reply Delay	PASS	F1 Pulse	A&C 0.47us
F2 Pulse	A&C 0.47us	F1 to F2	A&C 20.29us
MTL Difference	PASS	ATCRBS only all call	PASS
Alt Codes / Mode C	A1 X B1 X B4 X	A2 X C1 X	A4 X C2 X D4 X
			PASS
			PASS

Case Leak at 1,000 ft.		
After Effect at 0 ft.	Altitude Tested to:	Data Correspondence tested to:
-13Ft/1Min	±100ft	20,000FT
0	30ft	20,000FT

The altimeter, static, altitude and transponder reporting systems have been tested as required by FAR 91.411 and FAR 91.413 and meet the requirements of FAR Part 43 appendix E and F

Mode S only	
MODE S UP24	Apr. Validate Squib
MODE S all call	Squib
Diversity	Squib
Mode S I/D	UP4 UP5 UP11 UP16 UP20 UP21

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

(CONT'D)

10/25/2018

91.411/91.413

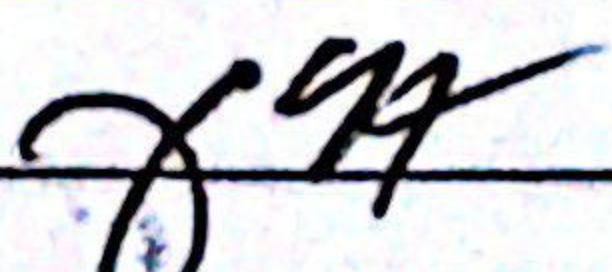
2 of 2

YEAR
20
DATE

I certify that the altimeter and static system test required by 14 CFR 91.411 and the transponder tests, including data correspondence, required by 14 CFR 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

RECORDING
TACH
TIME

Work Order # 30923

Signature 

Dominion Aviation Service CRS# ODAR-018H
7511 Airfield Dr
Richmond VA, 23237
(804) 271-7793

TODAY'S
FLIGHT

DAS FORM LB-4

(EALD)

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



DOMINION AVIATION

1 of 2

Date: 10/25/2018; Aircraft: 197PG; Type: CIRRUS SR-20; S/N: 1969; Hobbs: 1825.80; Tach: 1594.00; Total Time: 1594.00; Engine - Type: IO-360-ES21, S/N: 360659, Time: 1594.00; Prop - Type: PHC-J3YF-1RF, S/N: FP6643B, Time: 1594.00
AVIONICS

Performed the 91.411 and 91.413 tests on PFD, Standby Altimeter and Transponder. Found these systems to be within limits in accordance with FAR Part 43 appendix E and F.

(CONT'D)

10/25/2018 | 91.411/91.413 | 2 of 2

YEAR 20
DATE

STANDBY

91.411 and 91.413 Calibration Record

Dominion Aviation CRS #ODAR018H
7511 Airfield Dr. Richmond VA 23237
804-271-7793

Aircraft Tail #		N197PG		S/N:	1969
Date:		10/25/2018		S.O. #	30923#2

Altimeter			Encoder	
P/N	5934AD-3		P/N	
S/N	467810		S/N	
Position	STANDBY ALTIMETER		Position	
Altitude	Scale	Friction	Data Correspondence	
	Error	Tolerance ± ft	Measured	Tolerance ± ft
-1000	-10	20		
0	-5	20		
500	-5	20		
1000	5	20	0	70
1500	0	25		
2000	5	30	0	70
3000	5	30	0	70
4000	0	35		
5000	-5		0	70
6000	-5	40		
8000	-5	60		
10000	0	80	0	80
12000	0	90		
14000	-5	100		
15000	-5		0	90
16000	20	110		
18000	25	120		
20000	25	130	0	100
22000		140		
25000		155	0	120
30000		180	0	140
35000		205		
40000		230		
45000		255		
50000		280		

Hysteresis			
Alt	Up	Down	Tol
50%	0	20	75ft
40%	-5	20	75ft

Baro Scale Error		
Scale	Error	Tol. ± 25 (ft)
28 10	-1730	-1727
28 50	-1350	-1340
29 00	-860	-863
29 50	-400	-392
29 92	0	0
30 50	520	+531
30 90	885	+893
30 99	975	+974

Transponder			
P/N			
S/N			
Position			
Transponder Test Results			
Frequency	Peak Power		
Receiver Sens/HTL	N No Reply / SLS		
% Reply	Reply Jitter		
Reply Delay	P1 Pulse		
P2 Pulse	P1 to P2		
HTL Difference	ATGRBS only all call		
Alt	A1	A2	A3
Codes	PASS		
Mode	C1	C2	C3
Mode	C4	C5	C6

Case Leak at 1,000 ft.	
-13Ft/1Min	±100ft
After Effect at 0 ft.	30ft
Altimeter Tested to:	20,000FT
Data Correspondence tested to	
The altimeter, static, altitude and transponder reporting systems have been tested as required by FAR 91.411 and FAR 91.413 and meet the requirements of FAR Part 43 appendix E and F	

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I certify that the altimeter and static system test required by 14 CFR 91.411 and the transponder tests, including data correspondence, required by 14 CFR 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Work Order # 30923

Signature [Signature]

Dominion Aviation Service CRS# ODAR-018H
7511 Airfield Dr
Richmond VA, 23237
(804) 271-7793

(END)



DOMINION AVIATION

16f3

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 10/25/2018; Aircraft: 197PG; Type: CIRRUS SR-20; S/N: 1969; Hobbs: 1825.80; Tach: 1594.00; Total Time: 1594.00; Engine - Type: IO-360-ES21, S/N: 360659, Time: 1594.00; Prop - Type: PHC-J3YF-1RF, S/N: FP6643B, Time: 1594.00

Airframe

Complied with the Annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 5.

Removed the fuel bowl and replaced the filter element (p/n 1742243-04). no defects noted. Reinstalled the bowl and screen with new o-rings (p/n 1742439) and (p/n MS29512-04) and secured with safety wire in reference with Cirrus SR20 maintenance manual. No leaks detected.

Serviced the brake reservoirs as required with MIL-PRF-5606 hydraulic fluid.

Complied with the 100, 200, 300 hour lubrication as required in chapter 12.

Removed the battery from the aircraft. Serviced and charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft.

Serviced the tires with Shop air as required. Nose to 42 psi, Mains to 53 psi.

Complied with flight control travel and cable tension checks in reference with Cirrus SR20 AMM chapter 6.

Inspected the ELT as per FAR 91.207(d).

MAKE : Artex

MODEL : ME406

SERIAL : 09037

THE BATTERY EXPIRES : Jan 2020

Checked and listed all applicable Airworthiness Directives using ATP revision dated 10/24/2018.

Complied with the logbook research. No new or recurring ADs due at this time.

Updated the computer profiles.

Removed and inspected hardware. No defects found. Re-installed hardware and tightened one castellation with new cotter pin p/n MS24665-132. Work performed in reference to Cirrus SR20 Maintenance Manual and Cirrus SR20 Illustrated Parts Catalog. Function check good.

(CONT'D)

10/25/2018

Annual/100HR

2 of 3

Secured spark plug wire leads away from oil breather hose with standoffs using 4 tyrap (p/n ct7).

Removed worn clamp connecting left side exhaust tailpipe to left muffler and installed new clamp p/n 20553-001. All work done in reference with Cirrus SR20 AMM chapter 78.

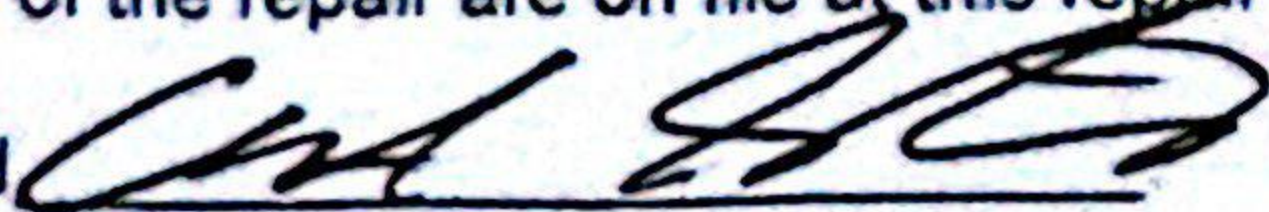
Removed left main tire P/N 061-501-0 S/N 3123S00002 and installed new tire P/N 156E66B1 S/N 73455877 in reference to Cleveland Wheel and brake component maintenance manual.

Removed right main tire P/N 061-501-0 S/N 3247S00002 and installed new tire P/N 156E66B1 S/N 73455607 in reference to Cleveland wheel component maintenance manual.

Removed and replaced right hand side wheel bearing race P/N 08231-20629 and bearing P/N 08125-20629 in reference to Cleveland wheel component maintenance manual. Greased bearing with SHC 100 grease.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station.

Signed



CRS# ODAR018H

(CONT'D)

3 of 3

I certify that this AN Frase has been inspected in accordance with a/an Annual 100 hr inspection and was determined to be in airworthy condition. Details on file at this facility.

Inspector



Work Order #

30886

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-2

(END)

YEAR
20

DATE

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

YEAR 20 <u>18</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/21/18	1845.9	1612.1	50hr	Owner Conducted 8 quarts phillips XC 20W50 Oilfilter / Champion CH 48108-1 Pilot Cert. 3789169
05 MARCH 19	1856.2	1620.1		US Log Book

[illegible]

