

THIS LOGBOOK CLOSED

AS OF 8/8/2006

AIRCRAFT LOG
AF5-1

N284CD

SR/ZZ

LOGBOOK #1

AIRCRAFT DESCRIPTION

MANUFACTURER <u>Cirrus Design</u>	MODEL <u>SR22</u>	DATE OF MFG. <u>Feb</u>
SERIAL NUMBER <u>1294</u>	REGISTRATION NUMBER <u>N284CD</u>	
REGISTERED OWNER <u>UPHOFF AVIATION, LLC</u>		
STREET ADDRESS <u>4900 W. Hundred Road</u>		
CITY, STATE, ZIP <u>Chester, VA 23831</u>		
OPERATOR <u>STEVEN M. UPHOFF - PILOT</u>		
STREET ADDRESS _____		
CITY, STATE, ZIP _____		
REGISTERED OWNER _____		
STREET ADDRESS _____		
CITY, STATE, ZIP _____		
OPERATOR _____		
STREET ADDRESS _____		
CITY, STATE, ZIP _____		

Inspector
[Check]

☐ F.A.R. 91.409 A

☐ F.A.R. 91.409

☐ F.A.R. 135.41

☐ OTHER

DATE ENTERED _____

MAINTENANCE _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors Inc	10-550-N	R 917543
ENGINE			L
PROPELLER	Hartzell Propeller Inc	PHC-JBYF-1RF	R FP3296B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.

Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N 01777	10/14
CAPS Parachute	20331-001	S/N 01596	12/14
CAPS Reefing Line Cutters	5212	POSITIVE LOT 000-003	10/14
ELT Batteries	MN1300	Date Installed 01/05	03/10

Lot # RRL 0711
S/Ns 1557+1564
One 07/2017
See Log #2 dated
12/01/2011

ELT
TEST
1/05
Exp.
3/10

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

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:
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MAKE: Cirrus
MODEL: SR22-G2
S/N: 22-1294
REG. NO: 284CD
WORK ORDER:
2937-02-2005



Cirrus Design Factory Service Center

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

DATE: 2/4/2005
A/C TSN:
HOBBS: 5.4

Airframe Entries

(1) Repainted lip under oil door, IAW CDC SR22 AMM 513-30.... (2) Meets Cirrus type design requirements, static ports are coated with alodine.... (3) Repaired paint on left elevator outboard edge, IAW CDC SR22 AMM 51-30.... (4) Cleaned interior of aircraft IAW CDC AMM ch. 12-20.... (5) Cleaned aircraft exterior IAW CDC AMM ch. 12-20.... (6) Repaired paint on right inboard flap hinge cover, IAW CDC SR22 AMM 51-30.... (7) Removed and replaced left flap anti-chafe tape IAW CDC SR22 AMM 57-50.... (8) Cleaned white specks and smudges off bottom of PFD IAW standard maintenance practices.... (9) Removed excess adhesive from between magnetometer and mounting stand-off IAW standard maintenance practices.... (10) Performed Mag calibration in accordance with Avidyne ICA manual 7.5.4.... (11) Test flight and autopilot calibration was accomplished by CDC test pilot with satisfactory results.

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: 2/4/2005

SIGNED:

Work Order: 2937-02-2005

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

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FAA CERTIFIED REPAIR STATION #ODAR018H
7511 AIRFIELD DRIVE
RICHMOND, VA
(804) 271-7793

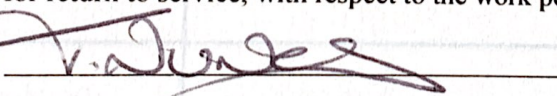
REGISTRATION 284CD
TOTAL TIME AIRFRAME 0017.9
TOTAL TIME ENGINE
TOTAL TIME PROPELLER
AIRFRAME X
ENGINE
PROPELLER

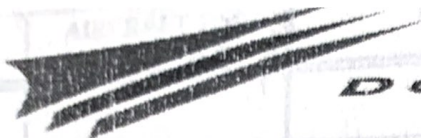
MODEL NUMBER SR22
SERIAL NUMBER 1294
TSMOH
TACH
HOBBS 0017.9
DATE 2/17/2005
WORK ORDER NUMBER 14903

1. ALT 2 light illuminated. Removed P/N 13565-001, S/N 1243192, due to sheared shaft. Installed repaired Alternator, P/N BC410-1, S/N 1032180. Unit repaired by B&C Specialty Products, CRS ZG9R933X, Work Order 050480. Unit op checked good on ground.

The maintenance described above was performed and inspected in accordance with current FAA regulations and is approved for return to service, with respect to the work performed. Details on file at this facility.

Signature





OR APPROVED DATA USER

DOMINION AVIATION

FAA CERTIFIED REPAIR STATION #ODAR018H
7511 AIRFIELD DRIVE
RICHMOND, VA
(804) 271-7793

REGISTRATION 284CD
TOTAL TIME AIRFRAME 0039.6
TOTAL TIME ENGINE 0039.6
TOTAL TIME PROPELLER 0039.6
AIRFRAME X
ENGINE
PROPELLER

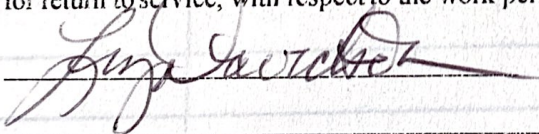
MODEL NUMBER SR 22
SERIAL NUMBER 1294
TSMOH N/A
TACH N/A
HOBBS 0039.6
DATE 2/25/2005

WORK ORDER NUMBER 14920

1. Replaced right Navigation Lamp with new, P/N W1290-28.
2. Customer reports #5 CHT pegs out. Could not duplicate on ground run. Swapped #3 and #5 probes for future troubleshooting.
3. Adjusted Copilots Door alignment, upper and lower pins.

The maintenance described above was performed and inspected in accordance with current FAA regulations and is approved for return to service, with respect to the work performed. Details on file at this facility.

Signature



MAINTENANCE RECORD

Date: 3/23/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294

DATE OF
COMPLETION

AIRFRAME

Adjusted the door alignment and the upper and lower door locks.
Operational check of the door is good.

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 under work order
number. 14999
Signed [Signature]

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

CERTIFICATE NO.
RETURNED TO SERVICE

MAINTENANCE RECORD **F.A.R. 43.9**

TE NO.
ED TO SERVICE

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DOMINION AVIATION

FAA CERTIFIED REPAIR STATION #ODAR018H
7511 AIRFIELD DRIVE
RICHMOND, VA
(804) 271-7793

REGISTRATION 284CD
TOTAL TIME AIRFRAME
TOTAL TIME ENGINE
TOTAL TIME PROPELLER
AIRFRAME X
ENGINE
PROPELLER

MODEL NUMBER SR22
SERIAL NUMBER 1294
TSMOH
TACH
HOBBS 50.7
DATE 3/28/05
WORK ORDER NUMBER 15019

1. Removed old RH bolster panel PN 20343-402. Reinstalled new RH bolster panel PN 20343-004. Altered new panel by trimming edges, drilling mounting holes and stretching panel to eliminate gap between the panel and the plastic frame of center instrument console.
2. Removed and replaced two cowlings fasteners that were stripped on the top cowling with PN 50699-007.

The maintenance described above was performed and inspected in accordance with current FAA regulations and is approved for return to service, with respect to the work performed. Details on file at this facility.

Signature *[Signature]*



REGISTRATION	284CD	MODEL NUMBER	SR22
TOTAL TIME AIRFRAME	0061.7	SERIAL NUMBER	1294
TOTAL TIME ENGINE		TSMOH	
TOTAL TIME PROPELLER		TACH	
AIRFRAME	X	HOBBS	0061.7
ENGINE		DATE	4/29/2005
PROPELLER		WORK ORDER NUMBER	15133

- Signature



DOMINION AVIATION

FAA CERTIFIED REPAIR STATION #ODAR018H
7511 AIRFIELD DRIVE
RICHMOND, VA
(804) 271-7793

REGISTRATION 284CD
TOTAL TIME AIRFRAME 0086.6
TOTAL TIME ENGINE
TOTAL TIME PROPELLER
AIRFRAME X
ENGINE
PROPELLER

MODEL NUMBER SR 22
SERIAL NUMBER 1294
TSMOH
TACH
HOBBS 0086.6
DATE 8/9/2005
WORK ORDER NUMBER 15505

1. Removed Copilot Door Trim. Adjusted Latch in accordance with Cirrus Maintenance Manual 52-10, page 7. Adjusted latch and cable adjustment connecting to latch assembly. Secured nuts holding cable and door trim.
2. Installed rivet, P/N 51386-001, on Pilot/Copilot pouch.
3. Secured molding on right aft side.

The maintenance described above was performed and inspected in accordance with current FAA regulations and is approved for return to service, with respect to the work performed. Details on file at this facility.

Signature

MAINTENANCE RECORD

F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE COMPLETED
	<p>Date: 9/19/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 106.0, Tach: 0.0, Total Time: 0.0</p> <p>Removed Airspeed Indicator, P/N 13562-002, S/N 145652. Installed new Airspeed Indicator, P/N 13562-002, S/N T46780. Pitot System leak checked good after testing.</p> <p>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</p> <p>Pertinent details of the repair are on file at this repair station under work order number. 15618</p> <p>Signed <u>[Signature]</u></p> <p>Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793</p>		

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

DATE OF
PLETION

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

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

MAINTENANCE RECORD
F.A.R. 43.9

F.A.R. 43.9		AGENCY & CERTIFICATE NO.	DATE OF COMPLETION
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK PERFORMED/RETURNED TO SERVICE
		<p>Date: 9/27/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294</p> <p>***AIRFRAME***</p> <p>TTAF - 112.4 HOBBS 112.4</p> <p>Removed Nose Wheel Assembly due to shimmy reported by customer. Cleaned and inspected Nose Wheel Bearings, no defects noted. Lubricated/repacked with Aeroshell 5. Reinstalled Nose Wheel Assembly.</p> <p>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</p> <p>Pertinent details of the repair are on file at this repair station under work order number <u>15647</u></p> <p>Signed <u>[Signature]</u></p> <p>Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURN
Date: 11/23/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294			
AIRFRAME			
Removed and replaced right wingtip landing light (P/N: 34-0428070-64). Operational check was good.			
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 under work order number. <u>15824</u>			
Signed <u>[Signature]</u>			
Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793			

INSPECTION RECORD

F.A.R. 43.11-91.409

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

CERTIFICATE NO.
RETURNED TO SERVICE

DATE	AIRCRAFT TIME IN SERVICE
28 JAN 05	5.0

Production Flight Test accomplished in accordance with Cirrus Procedure #90502.

Name: Frank D. Mathews Date 28 JAN 05

Signature: Frank D. Mathews Jr.

Title: Production Flight Test Pilot

Feb 01 2005	5.3 hrs
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I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated Feb / 01 / 2005.
The next inspection is due Feb / 28 / 2006.

Loren L. Thibert

LOREN L. THIBERT
DMIR410173CE

Date: 3/ 2/2006, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 197.3, Total Time: 197.3, Engine - Type: IO550-N27B, S/N: 917543, Time: 197.3, Prop Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 197.3

****AIRFRAME****

Complied with Annual Inspection in accordance with Dominion Aviation Form 0100 and Cirrus Maintenance Manual, Chapter 5-20 which meets the requirements of FAR 43, Appendix D.

ALT 1 Light stayed on at 1000 RPM. Reset Circuit Breaker and performed ground run. Alternator op checked good.

Inspected crack on right side fuselage where top cowl attaches. Found not to be a crack just a loose chip of filler and cosmetic only. Secure chip with glue.

Complied with AD and Aircraft Record Research using ATP Navigator 5 disc, dated 2/9/2006. Updated records as required.

Removed stripped screws from access panels as required and replaced with new.

Removed, serviced and charged #1 Battery. Ending charge was 26.0 volts. Reinstalled as required.

Removed, cleaned and inspected Gascolator Filter. No defects noted. Reinstalled and leak checked good. Reference Cirrus Maintenance Manual, Chapter 28-20.

Lubed door hinges and latches.

Inspected the ELT as per FAR 91.207(d).

MAKE : Ack

MODEL : E-01

SERIAL : 051119

THE BATTERY EXPIRES : Mar 2010

Complied with fire extinguisher inspection and found acceptable for continued service.

Serviced TKS Deicing Fluid Tank with one gallon of fluid.

Removed right Wheel Assembly. Cleaned and inspected wheel bearings. No defects noted. Lubed in accordance with Cirrus Maintenance Manual, Chapter 12-20 and 32-41. Next due at TTAF 397.3. Reinstalled wheel assembly.

Removed left Wheel Assembly. Cleaned and inspected wheel bearings. No defects noted. Lubed in accordance with Cirrus Maintenance Manual, Chapter 12-20 and 32-41. Next due at TTAF 397.3. Reinstalled wheel assembly.

Removed Nose Wheel Assembly. Cleaned and inspected wheel bearings. No defects noted. Lubed in accordance with Cirrus Maintenance Manual, Chapter 12-20 and 32-41. Next due at TTAF 397.3. Reinstalled wheel assembly.

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
F.A.R. 43.11-91.409
CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

INSPECTION RECORD

Removed Nose Wheel Assembly. Cleaned and inspected wheel bearings. No defects noted. Lubed in accordance with Cirrus Maintenance Manual, Chapter 12-20 and 32-41. Next due at TTAF 397.3. Reinstalled wheel assembly.

Stop drilled crack in left front Baffle.

Install two new well nuts on right gear strut fairing.

Install two new well nuts on left gear strut fairing.

Replaced Pilot side side step, no slip platform pad with new, P/N 12683-006. Reference Cirrus Maintenance Manual, Chapter 53-20-02.

Installed GE 400 lamp in pilot overhead white light. Op checked good after installation.

Inspected Flaps for overspeed condition as per customer request. No defects noted. Reference Cirrus Maintenance Manual, Chapter 5-50, paragraph C.

Visually inspected Brakes Pads and Hydraulic Seals for overheating, leaks and heat stress cracks as per customer request. No defects noted. Reference Special Airworthiness Information Bulletin CE-06-30.

Inspected Aileron System for looseness as per customer request in accordance with Cirrus Maintenance Manual, Chapter 27-10. No defects noted.

Adjusted Landing Light alignment in accordance with Cirrus Maintenance Manual, Chapter 33-40, paragraph C-3.

Complied with Cirrus SB 2X-25-17 (12/15/05) Crew Seat Break-Over Pin Replacement by installing kit p/n 70130-001.

Complied with Cirrus S.B. 2X-28-04 R1 (11/14/2005) Fuel Line Chafing by installing kit p/n 70133-001 Fuel Line Shield.

Serviced Brake Reservoir with MIL-H-5606 in accordance with Cirrus Maintenance Manual, Chapter 12-10.

Serviced control quadrant in accordance with Cirrus Maintenance Manual Chapter 76-10.

Cleaned and lubricated seat tracks.

Cleaned water from pitot system water trap.

Vacuumed floor boards as required.

Secured screws in circuit breaker panel.

Secured air duct on cabin heat box.

AIRCRAFT TIME

INSPECTION RECORD
F.A.R. 43.11-91.409
KIND OF INSPECTION - STATUS & DISCREPANCY LIST

CONTD ON
NEXT PAGE

INSPECTION RECORD

F.A.R. 43.11-91.409

Lubricated right Aileron due to squeaking noise. Op checked good after lubrication.

Performed ground run, no leaks/defects noted.

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

Signature [Signature]

Work Order # 16101

Dominion Aviation CRS #ODAR018H
(804) 271-7793

Date: 3/22/2006, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 197.9, Total Time: 197.9, Engine - Type: IO550-N27B, S/N: 917543, Time: 197.9, Prop Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 197.9

****AIRFRAME****

Installed right cabin door seal p/n 52010-008U. Removed door seal and cleaned before installing new seal. Applied RTV where ends of the seal meet. Ops check on door is good.

Complied with Service Bulletin 2X-32-14R1. Complied with by removing left and right inboard wheel fairings. Drilled a hole 1.25 inches as an inspection hole in fairings. Installed temperature indicator on back side of piston housing. Reinstalled wheel fairings.

Complied with Service bulletin 2X-57-06 R1. Removed original Inboard flap covers. Installed new flap covers kit p/n 16667-38-101. Installed with new hardware from kit. Ops ckeck of flap system was good.

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 under work order number 16175

Signed [Signature]

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

DATE

AIR IN

Date: 4/10/2006
197.9, Total Time: 197.9, Prop Time: 197.9

****AIRFRAME****

Install M-20 A
M-20 Oil Separator
33496-2719

The maintenance was performed in accordance with the details of the repair.

Signed [Signature]

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

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
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Date: 4/10/2006, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 197.9, Total Time: 197.9, Engine - Type: IO550-N27B, S/N: 917543, Time: 197.9, Prop Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 197.9

****AIRFRAME****

Install M-20 Air/Oil Separator model 300-B per STC #SA02033AT issued to M-20 Oil Separators, LLC 5612 NW 38th Terrace, Boca Raton, FL 33496-2719. See FAA form 337 dated 4/10/2006.

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 under work order number 16248

Signed

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

INSPECTION RECORD F.A.R. 43.11-91.409

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

DATE
AIRCRAFT TIME
IN SERVICE

Date: 3/1/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs:
284.5, Total Time: 284.5

****AIRFRAME****

Inspected the ELT as per FAR 91.207(d).

MAKE : ACK Technologies
MODEL : E-01
SERIAL : 051119
THE BATTERIES EXPIRE : March, 2010

Next ELT Inspection due March, 2008.

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 under

work order number 17225

Signed [Signature]

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

DATE

AIRCRAFT TIME
IN SERVICE

8/8/06 249.1

✶✶ THIS ENTRY PLACED IN CLOSED LOGBOOK BY ERROR. SEE
ADLOG LOGBOOK #2 FOR CORRECT PLACEMENT.
DOMINION AVIATION CRS # ODAR018H Cynthia Not

INSPECTION RECORD F.A.R. 43.11-91.409

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

DATE
AIRCRAFT TIME
IN SERVICE

8/8/06

249.6

THIS LOGBOOK CLOSED AS OF 8/8/2006.

Cynthia Noh

CRS ODARDI8H DOMINION AVIATION

49

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

opened 8/08/2006

LOGBOOK #2
closed as of 01/15/16

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N284CD

Aircraft Mfg. CIRRUS Model SR22 Serial No. 1294

Engine Mfg. TCM Model 10550N27 Serial No. 917543

Propeller Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. HARTZELL Model PHC-J37F-1RF / F7693DFB Serial No. FP32963

Hub Design No. _____ Hub Serial No. _____

Blade Design No. K15267 Blade Serial No's. K15262

K15263

K15267

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)

Page No. _____

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING
			TOTAL brought forward from previous page

Date: 8/ 8/2006, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 249.6, Total Time: 249.6

****AIRFRAME****

Found that the passenger door would not close at bottom if closing from the inside. Removed interior panel and right front seat to gain access for lower door lock pin adjustment due to lower door popping open. Adjusted lower pin as far forward as possible with no effect on door locking. Checked door hinge rod ends, found ok. Removed and inspected door seal and found that this is the new style seal with the holes in it. Reinstalled door seal, interior panels, and seat. Called Cirrus. They said to remove door pin and file out hole so the pin could be slid outboard. Ask for that in writing. They would not put that in writing. Did not move door pin out. Aircraft is ok for service.

Removed and replaced overhead light on pilots side. Light p/n 50491-002.

Installed slip strip on right entrance step. Wing walk-step p/n 12683-006.

Serviced the TKS tank with 1 gallon of TKS fluid.

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 under

work order number 16586.

Signed *Ante A. Picon*.

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

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING W
<p>Date: 4/ 9/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 288.6, Total Time: 288.6, Engine - Type: IO550-N27B, S/N: 917543, Time: 288.6, Prop Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 288.6</p> <p>**AIRFRAME**</p> <p>Complied with the Annual Inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with Cirrus SR22 maintenance manual chapter 5-20 .</p> <p>Removed nose wheel fairing for repair. Admend Weight and balance and Equipment list. New empty weight 2307.1 lbs. New useful load 692.9 lbs. New empty wt. C.G. 138.81 inches. New total moment 320,252.80. Aircraft is servicable with nose wheel fairing removed.</p> <p>Reglued vinyl on instrument panel using 1300L adhesive.</p> <p>Using aircraft logbooks and ATP Navigator V profile content version dated 3/23/07 list and update AD's</p> <p>Removed the fuel bowl and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-rings (p/n MS29513-137 and NAS15232-8B) . No leaks detected.</p> <p>Inspected the ELT as per FAR 91.207(d). No defects noted</p> <p>MAKE : ACK Technologies MODEL : E-01 SERIAL : 051119 THE BATTERY EXPIRES : MARCH 2010</p> <p>Removed battery G-243 s/n G02180154. Charged and serviced battery. Battery hydrometer reading on all cells was between 1.250 and 1.275. Battery volts was 24 volts</p> <p>Serviced the brake reservoir as required with MIL-H-5606 hydraulic fluid.</p> <p>Lubricated as needed using Cirrus SR 22 maintenance manual chapter 12-20 figure 12-201 covering 100 and 300 hour items.</p> <p>Inspected and weighted fire extinguisher model RT-A400 s/n U-174752 and found acceptable for continued service.</p> <p>Complied with Cirrus AD 2006-07-06 (5/11/06) Fuel Line Chafing by reviewing AD and aircraft logbooks. Determined that Cirrus SB 2X-28-04 R1 (11/14/05) and kit # 70133-001 have been complied with and no further action is needed.</p> <p>Complied with Cirrus AD 2006-19-10 (10/24/06) Crew Seat Break Over Bolt. Reviewed AD and aircraft logbook and determined that Cirrus SB 2X-25-17 (12/15/05) and kit # 70130-001, which contains 4 each 17063-002 bolts, has been complied with on 3/2/06. No further action needed.</p> <p>Complied with Cirrus AD2006-21-03 dated November 17,2006 to detect, correct, and prevent overheating damage to the brake caliper piston o-ring seals by removing and replacing left and right brake caliper piston o-rings. Modification to wheel fairings and temperature indicators have been previously complied with . Installed quantity of four new o-rings part number MS28775-222 o-rings. Re-installed left and right brake assemblies on to main landing gear. Bled left and right right brake lines. Revision to pilots operating handbook part number 13772-001 has been incorporated in pilots operating handbook..</p> <p>Inspected rudder/aileron interconnect, found bungee was tensioning with roll trim in full right position. Adjusted bungee in accordance with Cirrus SR22 maintenance manual chapter 27-20 Section J(3). Performed Rudder/Aileron interconnect adjustment/test in accordance with foresaid maintenance manual. Aileron travel is within specified limits of 12.5 (+ or - 1</p>			

agree). Rudder is travel is within specified limits of 20 degrees(+ or - 1
egree)
ound Cirrus SB A2X-95-10 (4/2/07) Caps Pick-up Collar Support
eplacement will be due 60 days or 25 flight hours after 4/2/07.

quired with MIL-H-5606 hydraulic fluid.

SR 22 maintenance manual chapter
and 300 hour items.

Wisher model RT-A400 s/n U-174752 and
vice.

06 (5/11/06) Fuel Line Chafing by
s. Determined that Cirrus SB 2X-28-04 R1
ve been complied with and no further

10 (10/24/06) Crew Seat Break Over Bolt.
and determined that Cirrus SB 2X-25-17
rich contains 4 each 17063-002 bolts, has
further action needed.

03 dated November 17, 2006 to detect,
amage to the brake caliper piston o-ring
ft and right brake caliper piston o-rings.
temperature indicators have been
1 quantity of four new o-rings part number
1 left and right brake assemblies on to
jht right brake lines. Revision to pilots
3772-001 has been incorporated in pilots

ect, found bungee was tensioning with
ed bungee in accordance with Cirrus
ir 27-20 Section J(3). Performed
itment/test in accordance with foresaid
al is within specified limits of 12.5 (+ or - 1

—Carry forward to next page

degree). Rudder is travel is within specified limits of 20 degrees(+ or - 1
degree)

Found Cirrus SB A2X-95-10 (4/2/07) Caps Pick-up Collar Support
Replacement will be due 60 days or 25 flight hours after 4/2/07.

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

Signature

Robert Kenney

Work Order #

17306

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

Date: 5/ 2/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 288.8, Total Time: 288.8

****AIRFRAME****

Complied with Cirrus SB2X-52-04 R2 (11/13/06) Cabin Door Strut Modification by installing kit (p/n 70168-001) per service bulletin instructions.

Complied with Cirrus SB 2X-71-12 R2 (9/7/06) SR22 Induction Duct Support Bracket Removal by installing kit (p/n 70500-002) per service bulletin instructions.

Complied with Cirrus Mandatory Service Bulletin SB A2X-95-10 R1 (CAPS Pick-up Collar Replacement) by installing pick-up collar support kit (p/n 70181-001) per service bulletin instructions. Removed and reinstalled rocket motor assembly (BRS p/n 14000/H, DC p/n 15047-001, s/n 01777) to facilitate collar replacement.

NOTE:

- Rocket Motor Assembly expires 10/2014.
- Parachute Assembly (BRS p/n 10013/Rev A, CDC p/n 20331-001, s/n 01596) expires 10 years from date installed on aircraft.
- Line Cutters expire 10/2010.

Installed new deice filter (p/n 15165-009) per Cirrus SR22 Maintenance Manual chapter 30-05. Drained TKS fluid. Found o-ring on inlet line broken. Replaced o-ring (p/n 15164-092). Serviced tank with removed fluid. Ops checked deice system ok. Leaked checked filter and drain ok. Ops checked drain ok.

Complied with Cirrus Mandatory Service Bulletin SB 2X-95-09 R1 by visual inspection of designated parachute straps and installation of sheath on LH fuselage strap at the shackle assembly (kit p/n 18495-001) per service bulletin instructions. No defects noted.

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 under

work order number 17476

Signed 

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

DATE

TOTAL
TIME
IN
SERVICE

TACH OR
RECORDING
METER
TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Date: 5/11/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 288.8, Total Time: 288.8

Modification by installing kit (p/n 70168-001

Complied with Cirrus SB 2X-71-12 R2 (9/7.
Bracket Removal by installing kit (p/n 7050
instructions.

Complied with Cirrus Mandatory Service I
Pick-up Collar Replacement) by installing
70181-001) per service bulletin instruction
motor assembly (BRS p/n 14000/H, DC 1
facilitate collar replacement.

NOTE:

- Rocket Motor Assembly expires 10/20
- Parachute Assembly (BRS p/n 10013/
01596) expires 10 years from date inst
- Line Cutters expire 10/2010.

Installed new deice filter (p/n 15165-00
Manual chapter 30-05. Drained TKS 1
Replaced o-ring (p/n 15164-092). Se
checked deice system ok. Leaked dr
checked drain ok.

Complied with Cirrus Mandatory Ser
inspection of designated parachute :
fuselage strap at the shackle assem
bulletin instructions. No defects not

The maintenance described above
accordance with current FAA Regi
service only for the work performe
details of the repair are on file at t

work order number 17416

Signed 

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

Date: 5/11/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs:
288.8, Total Time: 288.8

****AIRFRAME****

Installed repaired Nose Wheel Fairing, P/N 15312-001 in accordance with
Cirrus SR22 Maintenance Manual, Chapter 32. Repair performed by Lone
Mountain Aviation, CRS L90R473Y, Work Order 2644-04-2007. Installed
Anti Chaffe Tape around tow lug area.

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 under

Work Order number 17457

Signed 

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

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Date: 6/ 1/2007, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294, Hobbs: 288.8, Total Time: 288.8

****AIRFRAME****

Removed and replaced flap actuator assembly (removed unit: Cirrus p/n 11629-004, s/n W0446ACT0011, SKF Motion Technologies model #5420315-01; installed unit: Cirrus p/n 11629-004, s/n W0534ACT0007, SKF Motion Technologies model #5420115R) in accordance with Cirrus SR22 Maintenance Manual (dated April 15, 2007) chapter 27-50, pages 2-14 due to excessive radio noise attributed to flap motor. Used SPI Digital Level (PME #57 - next calibration due date of 4/16/08, performed quick check prior to use in accordance with manufacturer's instructions) to verify correct flap travel angles. Operational check of flaps was good.

Complied with Cirrus Mandatory Service Bulletin SB 2X-27-14 R1 (Rudder-Aileron Interconnect Modification) dated May 24, 2007 by removing and replacing the rudder-aileron interconnect bungee mounting hardware (kit p/n 70187-001), performing the Rudder-Aileron Interconnect Adjustment/Test, and by performing the Rudder-Aileron Interconnect Inspection/Check in accordance with service bulletin instructions. Adjustment of the bungee tension to achieve the required 5-8 degree down deflection on the left and right ailerons was required in accordance with service bulletin instructions. No further action required.

Serviced the tires as required. Nose to 40 psi and mains to 62 psi with shop air. Referenced POH section 8-18 for tire pressures.

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 under

Work Order number 7511

Signed [Signature]

Dominion Aviation CRS ODAR013H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

TOTAL brought forward from previous page

DATE

TIME
IN
SERVICE

METER
TIME

SIGNATURE & VERIFICATION

Date: 6/1/
288.8, Tot

**AIRFRAI

Removed:
11629-004
#5420315-
SKF Motio
SR22 Main
due to exc
(PME #57
to use in a
travel ang

Complied
Aileron In
replacing
70187-00
and by pe
accordan
tension u
right aile
No furthe

Service
air. Ref

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DOMINION AVIATION

Date: 3/21/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 303.1; Total Time: 303.1; Engine - Type: IO550-N27B, S/N: 917543, Time: 303.1

AIRFRAME

Serviced the tires as required. Nose to 40psi with shop air. Mains to 62psi with shop air. Referenced Cirrus SR 22 maintenance manual chapter 12.

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

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 under

Work Order number 18491

Signed *Pat H*

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



DOMINION AVIATION

[illegible]

****AIRFRAME****

Reviewed A.D. 2007-14-03 (CAPS Failure) and determined aircraft is in compliance with A.D. due to SB A2X-95-10 R1 dated April 10, 2007 being complied with in its entirety on 5/2/2007.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

Signed

Certificate#

Work Order #

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

[illegible]

Date: 4/18/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 303.4; Total Time: 303.4; Engine - Type: IO550-N27B, S/N: 917543; Prop - Type: PHC-3 YF-1RF/F7693D, S/N: FP3296B

N OF WO
TE NO. OF

****AIRFRAME****

- Complied with the annual inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with Cirrus SR-22 maintenance manual chapter 5-20 page 3-15.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 4/4/2008. Found several new AD. See this shop order for details. Complied with the logbook research. Updated the computer profiles.

- Complied with AD 2007-24-13 wing shear drainage. Found AD to be not applicable by serial number. No further action required.

- Complied with AD 2008-03-16 Aileron/Rudder Interconnect in accordance with Cirrus SR22 SB 2X-27-14 R3 by installing kit p/n 70197-001. Performed aileron/rudder interconnect adjustment/test. Adjusted travel to 7 degrees on left and right aileron deflection. Used PME #22 torque wrench calibrated 4-27-07. Next time due cal. 4-27-08.

- Complied with Cirrus SR 22 SB 2X-52-07R4 Cabin door rod end replacement in accordance with SB instructions by removing existing eyebolts/hardware and installing kit p/n 70186-004. Removed and reinstalled cockpit interior trim after installation of kit.

- Complied with SB 2X-27-14 R3 Aileron/Rudder Interconnect in accordance with Cirrus SR22 SB 2X-27-14 R3 by installing kit p/n 70197-001. Performed aileron/rudder interconnect adjustment/test. Adjusted travel to 7 degrees on left and right aileron deflection. Used PME #22 torque wrench calibrated 4-27-07. Next time due cal. 4-27-08.

- Inspected the ELT as per FAR 91.207(d).

MAKE : ACK TECHNOLOGIES

MODEL : E-01

SERIAL : 051119

THE BATTERY EXPIRES : MAR 2010

- Found ALT #1 circuit breaker popped. Re-engaged circuit breaker. Visually inspected alternator #1 in accordance with Cirrus SR22 MM chapter 24. Performed engine run. Circuit breaker stays engaged while engine is running. No defects at this time. Alternator #1 operationally checked good and verified charging on run.

- Complied with fire extinguisher weight check and found to be 19.5 oz, within manufacturers specification of over 17.oz.

- Resealed right and left wing root fairings with Dow Corning 732 white RTV sealant.

- Removed and replaced co-pilots fuselage / door weatherstripping with new weatherstripping p/n 52010-008U in accordance with Cirrus SR 22 MM chapter 53.

- Jacked aircraft to facilitate other maintenance. Lowered aircraft off jacks and removed jack point bolts after maintenance performed. Reinstalled wing tie down eyebolts.

- Removed main gear wheels, cleaned, inspected, and repacked wheel bearings with Aeroshell 5 wheel bearing grease. Installed wheels and torqued axle nuts to 150 inch lbs and installed new cotter pins. Torqued brake caliper bolts to 90 inch lbs. Removed nose wheel, cleaned, inspected and repacked bearings with Aeroshell 5 wheel bearing grease.

Removed two backup batteries, P/N 50979-001 from case at fuselage station 222 and replaced 2 cells with P/N 50979-001 in accordance with Cirrus SR22 MM chapter 24. Ops tested good.

TOTAL—Carry forward to next page

Removed the battery from the aircraft. Serviced the battery as required.

Installed charged battery in aircraft and ran aircraft. Electrical system tested normally.

in accordance with 34-20 p

iced co-pilots fuselage / door weatherstripping with new
52010-008U in accordance with Cirrus SR 22 MM

acilitate other maintenance. Lowered aircraft off jacks
int bolts after maintenance performed. Reinstalled wing
ar wheels, cleaned, inspected, and repacked wheel
ell 5 wheel bearing grease. Installed wheels and
150 inch lbs and installed new cotter pins. Torqued
90 inch lbs. Removed nose wheel, cleaned, inspected
gs with Aeroshell 5 wheel bearing grease. Reinstalled
ued axle to 110 inch lbs and installed new cotter pin.
ccordance with Cirrus maintenance manual chapter 32.
due next calibration 4/27/08.
hr lubrication schedule in accordance with Cirrus
I chapter 12 section 20.
colator bowl. Cleaned and inspected screen. No defects
I with new orings p/n NAS1523-8B and MS29513-137 in
us SR 22 MM chapter 28. Leak checked good on
kup batteries, P/N 50979-001 from case at fuselage
aced 2 cells with P/N 50979-001 in accordance with
apter 24. Ops tested good.

SUB-TOTAL this page

TOTAL—Carry forward to next page

- Removed the battery from the aircraft. Serviced the battery as required. Installed charged battery in aircraft and ran aircraft. Electrical system operated normally.
- Performed functional test of Magnetometer in accordance with 34-20 p 17-19. Operational test good.

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.

Signature [Signature]

Work Order # 18557

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



DOMINION AVIATION

Date: 8/28/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 319.6; Total Time: 319.6; Engine - Type: IO550-N27B, S/N: 917543, Time: 319.6, SMOH: 319.6; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 319.6, SMOH: 319.6

** AIRFRAME **

Removed nose wheel fairing. Repaired cracks and delaminations in lower side walls of nose wheel cowling. Painted repaired areas and reinstalled nose wheel fairing. All work done as per Cirrus SR22 Maintenance Manual 32-41, 51-10, 51-20, and 51-30.

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 under

Work Order number 19017

Signed [Signature]

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



DOMINION AVIATION

Date: 11/03/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 319.6; Total Time: 319.6; Engine - Type: IO550-N27B, S/N: 917543, Time: 319.6, SMOH: 319.6; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 319.6, SMOH: 319.6

Airframe

WORK PER
NO. OF PERSONS

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



DOMINION AVIATION

Date: 11/03/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 319.6; Total Time: 319.6; Engine - Type: IO550-N27B, S/N: 917543,
Time: 319.6

Airframe

-Serviced the tires as required. Nose to 42psi with shop air. Mains to 60psi with shop air.
-Serviced main battery. Removed and Checked battery servicing. Found battery under serviced. Serviced battery and put on charge. Used ALPHA C-20/25 Charger. Reinstalled battery. Removed top and bottom cowling to perform work. All work done in accordance Cirrus mm.

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 under

Work Order number 19229

Signed _____

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

SUB-TOTAL this page

TOTAL—Carry forward to next page



DOMINION AVIATION

Date: 4/23/2009; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 327.8; Total Time: 327.8; Engine - Type: IO550-N2712; S/N: 917543, Time: 327.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 327.8

AIRFRAME

- Complied with the Annual Inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with Cirrus SR22 maintenance manual chapter 5-20.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 04/08/2009.
- Removed the fuel bowl and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-rings (p/n NAS1523-8B, and MS29513-137). No leaks detected
- Inspected the ELT as per FAR 91.207(d).

MAKE :ACK

MODEL :E-01

SERIAL :051119

THE BATTERY EXPIRES :March 2010

- Complied with cabin air control assembly 5 year inspection / check. control knob moves freely.
- Complied with Avidyne Corporation AD2009-05-05 Primary Flight Displays, by inspecting the PFD in accordance with Avidyne Service Bulletin 601-00006-096 Rev 1. AD does not apply due to PFD S/N 21818514. No further action is required at this time.
- Complied with Cirrus Design AD 2008-14-13 (8/14/08) Cabin Door Separation by reviewing AD and logs. Found Cirrus SB 2X-52-07 R4 (1/24/08) and kit p/n 70186-004 were complied with on 4/18/08 and no further action needed.
- Serviced the battery as required.
- Serviced the tires as required. Nose to 42psi with shop air. Mains to 64psi with shop air.
- Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
- Installed new well nut p/n- 50802-001 on right strut upper fairing.
- Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher P/N RT-A400 S/N V-174752, weight is 550 grams. Installed a new placard on the fire extinguisher.
- Performed transient voltage suppressor inspection in accordance with Cirrus SR22 Maintenance Manual Ch 24-50 Section B3. No defects were noted.
- Performed Redundant Circuit Breaker functional check in accordance with Cirrus SR22 Maintenance Manual 24-50 with no defects noted.

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

Signature

Robert Kennedy

Work Order #

19721

Dominion Aviation CRS #ODAR018H
7511 Airfield Drive



DOMINION AVIATION

Date: 5/22/2009; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 337.7; Total Time: 337.7

** AIRFRAME **

-Replaced TKS filter part number 26115-101. Next replacement due at Hobbs 1537.6 or 05/22/2011. Reference Cirrus SR-22 Maintenance Manual 30-05.

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 under

Work Order number 19855.

Signed 

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



DOMINION AVIATION

Date: 6/15/2009; Aircraft: 284CD; Type: CIRRUS SR-22;
337.7; Total Time: 337.7



DOMINION AVIATION

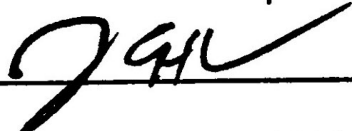
Date: 6/15/2009; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 337.7; Total Time: 337.7; Engine - Type: IO550-N27B, S/N: 917543, Time: 337.7; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

****Airframe****

-Complied with SB 2X-53-03 tail tie-down replacement. Installed kit part # 70120-001.

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 under

Work Order number 19923

Signed 

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

DATE

TOTAL
TIMETACH OR
RECORDINGDESCRIPTION OF WORK PERFORMED—
SON PERFORMING**DOMINION AVIATION**

Date: 7/02/2009; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 338.4; Total Time: 338.4; Engine - Type: IO550-N27B, S/N: 917543, Time: 338.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

****AIRFRAME****

Jacked the aircraft. Removed the nose wheel fairings and inspected nose wheel and fork assembly. Found the tire to be 10 lbs low on air pressure. Performed the nose wheel fork assy adjustment / test with no defects noted. Removed the wheel assy from the aircraft then cleaned and inspected the wheel bearings and axel. No defects were noted. Lubricated the wheel bearings with Aeroshell 5 and reinstalled into wheel assy. Serviced tire to 42 psi with shop air. Reinstalled nose wheel to aircraft. Reinstalled nose fairings. Removed aircraft from jacks. Work done in accordance with Cirrus SR22 Maintenance Manual Ch 32-20 and 32-41.

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 under

Work Order number

19976

Signed

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



DOMINION AVIATION

Date: 5/28/2010; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 349.0; Total Time: 349.0; Engine - Type: IO550-N27B, S/N: 917543, Time: 349.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 349.0
AIRFRAME

-Complied with the annual inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR22 maintenance manual chapter 5-20 page 1-11

-Removed fuel bowl with screen and inspected for damage/debris. No damage or debris noted. Cleaned fuel screen and re assembled. Replaced packings P/N NAS1523-8B and P/N MS29513-137. Good for service. Ref Cirrus model SR-22 MM chapter 28. Leak check good.

-Removed the battery from the aircraft. Serviced new battery (G-243 S/N G02509406). Charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Installed the new battery in the aircraft. All work done in accordance with Teledyne Battery Products DWG. NO. 1555 REV E.

-Installed new induction filter (BA-24) in accordance with Cirrus SR22 maintenance manual chapter 71.

-Installed new right forward engine baffling (P/N 15487-001) with new doubler (P/N 16725) in accordance with SB 2X-71-14 R1 instructions for upgrade of the RH front baffling. Removed alternator wiring harness. Removed propeller de-ice line. Removed cracked right front engine baffling. Installed new right front engine baffling doubler with rivets. Installed right front engine baffling. Re-installed alternator wiring harness. Re-installed propeller de-ice line.

-Inspected the ELT as per FAR 91.207(d).

MAKE :Ack Technologies
MODEL :E-01
SERIAL :051119
THE BATTERY EXPIRES :

-Removed eight "D" batteries from ELT. Installed eight new "D" batteries in ELT. Ops checked good.

-Serviced brake reservoir to proper limits with Mil-H-5606. Ref Cirrus Model SR22 AMM chapter 12.

-Complied with 100 hour lubrication. Ref Cirrus Model SR22 MM Chapter 12.

=Serviced the tires as required.
Nose to 40psi with shop air.
Mains to 62psi with shop air.
Used PME# 36.

-Complied with fire extinguisher inspection and weight check. Good for service, weight is at 545 grams.

-Checked and listed all applicable Airworthiness Directives using ATP revision dated 5/12/2010. Complied with the logbook research. Updated the computer profiles.

CAPITAL AVIATION INST. & AVIONICS 10680 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 7127 22-October-2010 WO# 39038 CA 11 HOBBS 350.8
N284CD S/N 1294 CIRRUS SR22

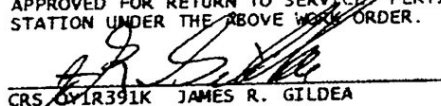
Pg 1 / 1.

THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY FAR'S 91.411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.

ALTIMETER(S):	TESTED TO	20,000 FT	
ALTIMETER #1:	P/N 700-0006-000		S/N 21076184
ALT. ENC. #1:	P/N A30		S/N 93591
STBY. ALTIMETER #1:	P/N 5934D-3		S/N 443802
TRANSPONDER #1:	P/N 011-00490-00		S/N 83718982

DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.


CRS OY1R391K JAMES R. GILDEA



DOMINION AVIATION

Date: 10/21/2010; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 350.8; Total Time: 350.8; Engine - Type: IO550-N27B, S/N: 917543,
Time: 350.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

*** AIRFRAME ***

-Performed STC installation of Avidyne DFC90 Autopilot. Removed S-Tec 55X autopilot part number 01192-34-61T-30 serial number 0445-7523. Installed Avidyne DFC90 autopilot part number 700-00170-000 serial number M103515809. Removed PFD part number 700-00006-000 serial number 21818514 and installed PFD part number 700-00006-000 serial number 21076184 with software revision R8.0.3 installed to meet the requirements of STC SA00296BO installation of DFC90 autopilot. Configured PFD. Performed function tests of PFD and DFC90 autopilot installations with no discrepancies noted. Performed magnetometer calibration. FAR 91.411 and FAR 91.413 certifications performed post installation by CRS#H70R844W, log entries dated 10/21/10. Revised aircraft equipment* list. Aircraft weight and balance unchanged. Airplane Flight Manual Supplement document number 600-00249-000 Rev.01 dated 07/21/2010 installed in AFM. Avidyne DFC Digital Autopilot Pilot Guide part number 600-00252-000 Rev.02, Avidyne 700-00170-XXX Autopilot Instructions for Continued Airworthiness STC SA00296BO document number AVDFC-030 Rev.00 dated 03/08/2010 provided to operator at time of installation. Reference STC SA00296BO DFC90 Autopilot Installation dated 07/21/2010, Avidyne Corporation DFC Autopilot series installation manual 600-00251-000 Rev.02 master document list number AVDFC-019, and Cirrus SR22 maintenance manual 31-60, 34-10, and 34-20.

For recommended periodic scheduled servicing tasks reference Avidyne document number AVDFC-030, Avidyne 700-00170-XXX Autopilot Instructions for Continued Airworthiness for STC SA00296BO, current revision available at www.avidyne.com.

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 under

Work Order number 21634

Signed [Signature]

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

WORK PERFORMED
BY: O. OF PERSON PERFORMING



DOMINION AVIATION

Date: 11/23/2010; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 353.7; Total Time: 353.7; Engine - Type: IO550-N27B, S/N: 917543,
Time: 353.7; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

*** AIRFRAME ***

-Inspected TAWS processor, MFD, interconnecting wire harness and connectors for condition and security with no discrepancies found. Confirmed correct MFD settings for TAWS system. Performed Level 1 and Level 2 EGPWS self tests with no discrepancies found. Checked EGPWS Level 3 configuration and found Audio Menu value did not match value called for in Cirrus SR22 maintenance manual TAWS processor setup procedures, 34-40. Performed functional test Terrain Awareness & Warning (TAWS) Processor Setup. Performed Operational Test of TAWS processor. All EGPWS self tests checked good but MDF TAWS shows persistent "TAWS not communicating message". Disconnected wire harness connector P709 at TAWS processor, connector P528 at MFD shell, and connector P714/J714 mid wire bundle between MFD and TAWS processor. Inspected connectors, pins and sockets for condition and security with no discrepancies found. Assembled connector P714/J714. Tested circuits between P709 pin 10 and P528 pin 59(Rx TAWS Data B), P709 pin 30 and P528 pin 56(Rx TAWS Data A), P709 pin 66 and P528 pin 29(Tx TAWS Ctl B) and P709 pin 47 and P528 pin 9(Tx TAWS Ctl A). All circuits tested good for continuity and with no path to ground. Swapped TAWS processor part number 965-1198-005 serial number 5046 with known functional loaner TAWS processor part number 965-1198-005 serial number 6718 and function checked TAWS with no discrepancies noted. Removed loaner TAWS processor part number 965-1198-005 serial number 6718. TAWS processor part number 965-1198-005 serial number 5046 sent for outside repair. TAWS processor wire harness safed and secured. TAWS/SKYWATCH circuit breaker safed in the open position and MFD bezel placard "TAWS/SKYWATCH SYSTEMS DISABLED" Reference Cirrus SR22 maintenance manual 31-60, 34-40, 34-50, IPC 31-60-02, and POH.

-Removed glare shield and partially removed cabin overhead to gain access to both ends of XM receiver antenna cable. XM receiver connections and cable routing checked good. Antenna cable in cabin overhead found to be in contact with the wire terminal on the aft face of the right side aft seat cabin overhead light switch and antenna cable connection at antenna found to be loose. Tightened antenna connection and adjusted cable routing to prevent contact from overhead right side light switch. Installed glare shield and cabin overhead. Contacted XM to request resend of activation code. Moved aircraft to ramp, applied external power and waited while status cycled from activating to none to aviators and system updated components over a forty minute time period. Cycled system power and checked status of system and updates. XM weather system function checked good and all information type updates verified functional.

-Removed GNS 430, part number 011-00280-10, serial number 97123906, for outside repair of memory battery low message. Installed GNS 430, part number 011-00280-10, serial number 97123906 after outside replacement of memory battery by CRS# OY1R391K. Function checked GNS 430 after installation with no discrepancies noted. Reference Cirrus SR22 maintenance manual chapter 34.

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 under

Work Order number 217341

Signed [Signature]

Dominion Aviation CRS ODAR018H



Date: 12/13/2010; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 355.1; Total Time: 355.1; Engine - Type: IO550-N27B, S/N: 917543,
Time: 355.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

*** AIRFRAME ***

-Installed repaired EGPWS processor part number 965-1198-005 serial number 5046. Performed functional test of TAWS processor. Reference Cirrus SR22 maintenance manual chapter 34.

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 under

Work Order number 217341

Signed [Signature]

with no
Tested circuits
B), P709 pin 30 and
pin 29(Tx TAWS Ctl
l circuits tested good
VS processor part
nctional loaner
ber 6718 and
removed loaner
ber 6718. TAWS
6 sent for outside
d.
osition and MFD
ED" Reference
PC 31-60-02, and

lead to gain access
connections and
head found to be in
side aft seat cabin
antenna found to be
routing to prevent
reshield and cabin
code. Moved aircraft
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all information type

umber 97123906,
d GNS 430, part
ide replacement of
GNS 430 after
SR22

pected in
for return to
9. Pertinent



DOMINION AVIATION

Date: 12/13/2010; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 355.1; Total Time: 355.1; Engine - Type: IO550-N27B, S/N: 917543,
Time: 355.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

*** AIRFRAME ***

-Installed repaired EGPWS/TAWS processor part number 965-1198-005
serial number 5046 after outside repair by Honeywell, PR2R093L. Performed
functional test of TAWS processor with no discrepancies noted. Reference
Cirrus SR22 maintenance manual 34-40.

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 under

Work Order number 21818

Signed [Signature]

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

[illegible]



DOMINION AVIATION

Date: 4/06/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 362.3; Total Time: 362.3

AIRFRAME

Serviced the tires as required. Nose to 40psi with shop air. Mains to 62psi with shop air in accordance with Cirrus SR22 maintenance manual chapter 12-00.

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

Serviced de-ice system with TKS fluid in accordance with Cirrus SR-22 maintenance manual chapter 30-00.

Removed #1 alternator P/N 646843, S/N 004LA064 from the aircraft in reference to CIRRUS Airplane Maintenance Manual Chapter 24-30. Inspected new alternator P/N 646843, S/N F6199348 and installed the drive coupling (torqued to 25 ft. lbs. using PME 21) with a new cotter key P/N MS24665-302 in reference to Teledyne Continental Motors, Inc. Service Instructions for Aircraft Alternator Model TCM 646843 24 VOLT, 60 AMPERE & Model TCM 640304 24 VOLT, 100 AMPERE. Performed the alternator Drive Hub Slippage Inspection in reference to Teledyne Continental Motors Permold Series Maintenance Manual Models IO-550-A,B,C,G,N,P,R Chapter 16 Electrical Charging System. New gasket P/N 653981 and lock washers P/N MS35338-45 were installed along with the original flat washers and retaining nuts (torqued to 180 inch lbs using PME 21) to the aircraft in reference to both CIRRUS Airplane Maintenance Manual Chapter 24-30 & Teledyne Continental Motors Permold Series Maintenance Manual Models IO-550-A,B,C,G,N,P,R Chapter 16 Electrical Charging System. Ran engine, all operations tested were checked as good.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

Signed *[Signature]*

Certificate# 29122934 AAP

Dominion Aviation
7511 Airfield Drive
Richmond, Virginia 23237

F WORK
NO. OF F

propeller, or appliance identified
with current Regulations of the
for return to service.



DOMINION AVIATION

Date: 4/29/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs:
362.3; Total Time: 362.3; Engine - Type: IO550-N27B, S/N: 917543, Time:
362.3; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 362.3

Replaced intermittent # 6 cylinder CHT sensor p/n 14880-001, s/n M464723
with new sensor p/n 14880-001, s/n 1052 in reference with Cirrus Model
SR22 MM section 77-20.

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 under

Work Order number 22347

Signed [Signature]

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

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forward to next p



DOMINION AVIATION

Date: 5/25/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 362.3; Total Time: 362.3; Engine - Type: IO550-N27B, S/N: 917543, Time: 362.3; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 362.3
AIRFRAME

- Repaired cracks in nose fairing using fiberglass in accordance with AC 43.13-1B chapter 3 section 1 and painted Cirrus white.
- Bottom Garmin 430 was reinstalled into the Aircraft in reference with Cirrus Model SR22 section 34. Sublet Service Completed: 5/12/2011
Description: REPLACE BATTERY GNS430
Performed By: Capital Aviation Instrument Corp.
- Removed pilots seat from aircraft and removed left console trim to gain access to control quadrant friction lock. Removed knob for friction lock and found washer underneath slightly worn. Removed and replaced washer and reinstalled control quadrant friction lock knob. Ops checked friction lock. No defects noted. Reinstalled left console trim and pilot's seat. Ref. Cirrus SR-22 MM Chapter 76.
- Nose Landing Gear Spindle angle was checked with PME #57 at 51.2 degrees and found to be within tolerance. All procedures were done in reference to Cirrus Design Corporation Spindle, Nose Landing Gear, SR22 drawing # 13395.
- Performed push pull test on nose wheel and found it to be within tolerances. Ref. Cirrus SR-22 MM Chapter 32.

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 under

Work Order number

22360

Signed

JH

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(804) 271-7793



DOM

Date: 8/03/2011; Aircraft: 376.2; Total Time: 376

wheel and found it to be within tolerance

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 under



DOMINION AVIATION

Date: 8/03/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 376.2; Total Time: 376.2; Engine - Type: IO550-N27B, S/N: 917543; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

AIRFRAME

-Balanced nose wheel tire by adding 1.5 ounces. Adjusted/Tested Nose wheel fork assembly by cleaning the grease off the Belleville washers, re installing them in proper order, and tightening the spindle nut so that a constant force of 25 lb was required to rotate the nose wheel fork and wheel assembly. Installed new cotter pins in the spindle nut and the axle nut. All procedures were done in reference to Cirrus Airplane Maintenance Manual Chapter 32-20 *→ Right*

-Reassembled brake assembly with new O-rings (P/N M83461 / 1-222) and temperature indicator (P/N 51698-001). Reinstalled brake caliper and linings. All procedures were done in reference to Cirrus Airplane Maintenance Manual Chapter 32-42

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 under

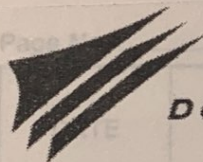
Work Order number 22713

Signed *[Signature]*

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(804) 271-7793

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DOMINION AVIATION

Date: 8/20/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 376.2; Total Time: 376.2; Engine - Type: IO550-N27B, S/N: 917543; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

AIRFRAME

Removed #2 Garmin GNS 430 p/n: 011-00280-10 s/n: 97124805 to be sent out for repair. Reinstalled tested / adjusted Garmin GNS 430 same p/n , s/n in aircraft . Operationally tested good. Unit tested by Capitol Aviation CRS # OY1R391K, wo# 41764.

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 under

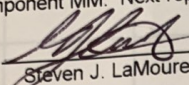
Work Order number 22767

Signed [Signature]

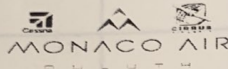
Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DESCRIPTION OF WORK
SIGNATURE & CERTIFICATE NO. OF P

Shop Order #: 11-7976
Replaced CAPS reefing lines cutters with new Lot # RRL 0711 S/N: 1007
CAPS Component MM. Next replacement due 07/2017.

Signature: 

Steven J. LaMourea A&P 2841160



4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 10/06/2011; Aircraft: N284CD; Type: SR22; S/N: 1294; Hobbs: 390.8; Total Time: 390.8
Shop Order #: 11-7976

Performed Annual inspection on aircraft IAW CDC AMM 5-20 and 5-30.
Cleaned and lubricated airframe components, as required, IAW CDC AMM 12-20.
Tested ELT IAW FAR 91.207, tested good. Battery due March 2016.
Battery 2 replacement due May 2012.

Researched ADs and MSBs thru current Bi-Weekly 2011-21. Complied with SB2X-32-19R2, by installation of NLG repair kit P/N: 70238-001 in nose gear and visual inspection of upper webb for cracks. No discrepancies noted. Next visual inspection due at 490.8 Hrs. Complied with SB2X-05-01 by installing new orings in both brake units and installing yellow temp stickers inconjunction with the blue temp stickers. Updated A.D. & S.B. list in aircraft records.

Repaired cracked baffle at airfilter anchor mount attach point.

Replaced worn bushings and shimmed nose gear as required. Cleaned and inspected nose wheel swivel.

Replaced thrust washer. Reassembled nose gear, work done I.A.W. Cirrus AMM 32-20.

Reversed both main tires. Packed all wheel bearings. Replaced o-rings in both brake units. Installed all new brake pads. Ops check of brakes good.

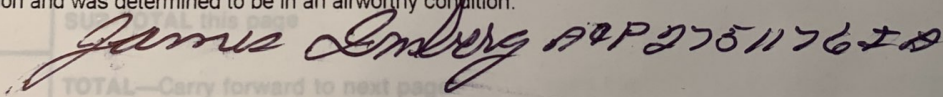
Removed trim motor, tightened mount screws. reinstalled trim motor. Ops check good.

Installed new foil tape on top of vertical fin.

Installed a new close out seal in lower cowl. Applied foil tape in lower cowls to prevent any heat damage to fiber glass.

Changed T.K.S. fluid filter. Purged TKS system with pressure pot IAW CDC AMM. Ops check of panels good.

Reconnect defrost duct to plenum. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.


TOTAL—Carry forward to next page



DOMINION AVIATION

Date: 3/19/2012; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 397.7; Total Time: 397.7; Engine - Type: IO550-N27B, S/N: 917543; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

AIRFRAME

-Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data expires 29-Mar-12. Current Nav data expires 5-Apr-12.
-Removed and replaced MFD p/n off: 700-00004-008 s/n off: 23234514 with overhauled MFD p/n on: 700-0004-008 s/n on: 20927475. Ops checked usb port on overhauled MFD. Ops check good. Ref. Cirrus SR-22 MM Chapter 34.

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 under

Work Order number 23341

Signed [Signature]

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
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DOMINION AVIATION

Date: 8/28/2012; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 398.0; Total Time: 398.0; Engine - Type: IO550-N27B, S/N: 917543, Time: 398.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 398.0
AIRFRAME

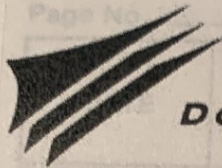
-Removed the battery from the aircraft. Serviced the battery as required. Charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft in reference to Cirrus SR22 maintenance manual chapter 12-00.
-Cleaned corrosion from main battery terminals in reference to Cirrus SR22 maintenance manual chapter 24-00.

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 under

Work Order number 23727

Signed [Signature]

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



DOMINION AVIATION

Date: 10/02/2012; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 398.0; Total Time: 398.0; Engine - Type: IO550-N27B, S/N: 917543,
Time: 398.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time:
398.0

AIRFRAME

-Troubleshoot static system leak and found line to tee at aft fitting loose.
Tightened fitting and leak checked static system. No leaks detected. Ref.
Cirrus SR-22 MM Chapter 34.
-Removed fwd right console panel to gain access to blind encoder. Removed
encoder from rack, ran static system up to 20,000 feet and adjusted high
end as required. Brought system back down to 0 feet and adjusted low end
as required to bring encoder back within limits. Reinstalled blind encoder in
rack and reinstalled fwd right console panel. Ref. Cirrus SR-22 MM Chapter
34.

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 under

Work Order number 23810

Signed [Signature]

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



DOMIN

Date: 10/03/2012; Aircraft
Hobbs: 398.0; Total Time:
Time: 398.0; Prop - Type:
398.0

AIRFRAME

-Complied with the 100-H
Dominion Aviation Service
Checklist in compliance
maintenance manual cha
-Inspected the ELT as p

MAKE :ACK

m up to 20,000 feet and
ack down to 0 feet and adjusted low end
within limits. Reinstalled blind encoder in
ole panel. Ref. Cirrus SR-22 MM Chapter

was performed and inspected in
lations and is approved for return to
Ref. 14 CFR Part 43.9. Pertinent
s repair station under



DOMINION AVIATION

Date: 10/03/2012; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 398.0; Total Time: 398.0; Engine - Type: IO550-N27B, S/N: 917543,
Time: 398.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time:
398.0

AIRFRAME

- Complied with the 100-Hour / Annual inspection in accordance with
Dominion Aviation Services FORM 0100, Annual and 100 Hour Inspection
Checklist in compliance with FAR 43 appendix D and with Cirrus
maintenance manual chapter 5-20 page 2-23.
- Inspected the ELT as per FAR 91.207(d).

MAKE :ACK

MODEL :E-01

SERIAL :051119

THE BATTERY EXPIRES :Mar 2016

- Checked and listed all applicable Airworthiness Directives using ATP
revision dated 09/17/2012. Complied with the logbook research. Updated the
computer profiles.
- Performed magnetometer calibration in reference to Cirrus SR22
maintenance manual chapter 34-00.
- Complied with the fire extinguisher inspection and weight check as required.
Fire extinguisher weight is 545 grams. Installed a new placard on the fire
extinguisher. Reinstalled the extinguisher in the aircraft.
- Removed the gacolorator and screen. Cleaned and inspected as required.
No defects noted. Reinstalled the bowl and screen with new o-rings. No
leaks detected. All work done in reference to Cirrus SR22 maintenance
manual chapter 12-00.
- Touched up chipped paint left area at engine cowling with Cirrus White.
- Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
- Serviced the tires as required. Nose to 40 psi with shop air. Mains to 62 psi
with shop air.
- Removed the battery from the aircraft. Serviced the battery as required.
Charged the battery as required. Verified electrolyte levels and specific
gravity checked good in all cells. Reinstalled the battery in the aircraft. Ref.
Cirrus SR-22 MM Chapter 12.

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.

Signature J. Jones

Work Order # 23732

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



DOMINION AVIATION

TOTAL brought forward from previous page

Date: 10/18/2012; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294;
Hobbs: 399.0; Total Time: 399.0; Engine - Type: IO550-N27B, S/N: 917543,
Time: 399.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time:
399.0

*** AIRFRAME ***

Updated Jepp view electronic charts and nav data as per Jeppesen and
Avidyne EX5000 maintenance manuals. Current chart data expires 10/25/12.
Current Nav data expires 11/14/12.

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 under

Work Order number 23878

Signed [Signature]

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



DOMINION AVIATION

Date: 3/07/2013; Aircraft: 284CD; Type:
400.4; Total Time: 400.4; Engine - Type:
400.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time:
400.4

*** AIRFRAME ***

ODAR018H

7



DOMINION AVIATION

Date: 3/07/2013; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 400.4; Total Time: 400.4; Engine - Type: IO550-N27B, S/N: 917543, Time: 400.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 400.4

AIRFRAME

- Removed and replaced number 3 EGT probe with new p/n: 14554-001.
- Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data expires 3/14/2013. Current Nav data expires 4/4/2013.
- Removed the battery from the aircraft. Serviced the battery as required. Charged the battery as required. Verified electrolyte levels and specific gravity checked good in all cells. Reinstalled the battery in the aircraft. Ref. Cirrus SR-22 MM Chapter 12.
- Removed left wingtip and aileron to gain access to roll trim motor. Removed and replaced roll trim motor p/n off: 12546-001 Rev B s/n off: 0449M with overhauled roll trim motor assy p/n on: 12546-003S s/n on: H1251/1045. Lubricated roll trim cartridge and bushings as required. Reinstalled left aileron and left wingtip. Checked travel of roll trim and ops checked roll trim system. No defects noted. Ref. Cirrus SR-22 MM Chapter 12, 27 and 57.
- Serviced the TKS reservoir with approved TKS fluid as required. Ref. Cirrus SR-22 MM Chapter 12.

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 under

Work Order number 24190.

Signed [Signature].

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

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



DOMINION AVIATION

Date: 10/16/2013; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 403.8; Total Time: 403.8; Engine - Type: IO550-N27B, S/N: 917543, Time: 403.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 403.8
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 SR22 maintenance manual chapter 5 page 4-23.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 10/10/2013. Complied with the logbook research. Updated the computer profiles.
- Inspected the ELT as per FAR 91.207(d).

MAKE :Ack Technologies

MODEL :E-01

SERIAL :051119

THE BATTERY EXPIRES :10/2014

- Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 545 grams.
- Installed a new placard on the fire extinguisher.
- Reinstalled the extinguisher in the aircraft.
- Serviced the tires as required.
- Nose to 40 psi with shop air.
- Mains to 62 psi with shop air.
- Serviced TKS reservoir with 1 gallon of TKS fluid.

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]

Date 10/16/13

Work Order # 24693

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



DOMINION AVIATION

Date: 10/24/2013; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 403.8; Total Time: 403.8; Engine - Type: IO550-N27B, S/N: 917543, Time: 403.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 403.8

AIRFRAME

-Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data expires 24-Oct-2013. Current Nav data expires 14-Nov-2013.

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 under

Work Order number 24690.

Signed [Signature].

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

DAS FORM LB-1

PTION OF W
TIFICATE NO.



DOMINION AVI

1001001; Aircraft: 284CD; Type:

CRS# ODAR018H

23237



DOMINION AVIATION

Date: 1/09/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 403.8; Total Time: 403.8; Engine - Type: IO550-N27B, S/N: 917543, Time: 403.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 403.8

AIRFRAME

-Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals.

Current chart data expires 03-Jan-2014 - 16-Jan-2014.

Current Nav data expires 09-Jan-2014 - 05-Feb-2014.

-Updated the nav database in accordance with the Garmin user manual
Nav database effective: 09-Jan-2014 - 05-Feb-2014

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 under

Work Order number 24938

Signed [Signature]

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

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DOMINION AVIATION

Date: 2/05/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 404.8; Total Time: 404.8; Engine - Type: IO550-N27B, S/N: 917543, Time: 404.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 404.8

AIRFRAME

-Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data effective 31-Jan-2014 - 14-Feb-2014. Current Nav data effective 06-Feb-2014 - 06-Mar-2014.

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 under

Work Order number

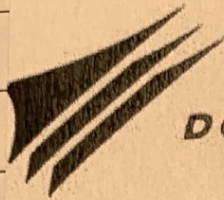
24992

Signed

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



DOMINION AVIAT



DOMINION AVIATION

Date: 2/20/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 404.8; Total Time: 404.8; Engine - Type: IO550-N27B, S/N: 917543, Time: 404.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 404.8

AIRFRAME

-Updated Jepp view electronic charts per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data effective 14-Feb-2014 - 27-Feb-2014.

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 under

Work Order number 25027.

Signed [Signature].

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

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DOMINION AVIATION

TION OF
FICATE N

Date: 5/22/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 446.6; Total Time: 446.6; Engine - Type: IO550-N27B, S/N: 917543, Time: 446.6; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 446.6

AIRFRAME

-Updated Jepp view electronic charts and nav data as per Jeppesen and Avidyne EX5000 maintenance manuals. Current chart data expires 5-29-14 - 6-5-14. Current Nav data expires 5-29-14 - 6-26-14.

-Removed and replaced #6 CHT probe with new p/n: 14880-001. Ran aircraft and ops checked #6 CHT. No defects noted. Ref. Cirrus SR-22 MM Chapter 77

-Removed and replaced #5 CHT probe with new p/n: 14880-001. Ran aircraft and ops checked #5 CHT. No defects noted. Ref. Cirrus SR-22 MM Chapter 77

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 under

Work Order number 25259.

Signed [Signature].

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

DAS FORM LB-1



DOMINION AVIATION

Date: 5/21/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 446.6; Total Time: 446.6; Engine - Type: IO550-N27B, S/N: 917543, Time: 446.6; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 446.6

AIRFRAME

Removed PFD P/N 700-00006-000 S/N 21076184 Installed PFD P/N 700-00006-000 S/N 20164175. Ref: Cirrus Maintenance Manual Chapter 32-60.

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 under

Work Order number 25242.

Signed [Signature].

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

DAS FORM LB-1



DOMINION AVIATION

Date: 9/28/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 457.2; Total Time: 457.2; Engine - Type: IO550-N27B, S/N: 917543, Time: 457.2; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 457.2

AIRFRAME

-Removed navigation database card and reloaded database from Jeppesen. Reinstalled navigation database card in #2 Garmin GNS 430. Unit will not read database. Swapped #1 and #2 Garmin GNS 430's, ops checked and found error followed unit. Swapped GNS 430's back to original position.

-Installed pitot static equipment on aircraft and ran pitot static system to 20,000 ft and adjusted encoder as required. Tested data correspondance as required and found encoder to be within limits through all altitudes. Removed pitot static test equipment. Ref. Cirrus SR-22 MM Chapter 34 and Ack 30 Installation Manual.

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 under

Work Order number 25645

Signed [Signature]

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

DAS FORM LB-1

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is approved for return to
CFR Part 43.9. Pertinent
ation under



DOMINION AVIATION

Date: 12/09/2014; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 471.3; Total Time: 471.3; Engine - Type: IO550-N27B, S/N: 917543, Time: 471.3; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 471.3

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 pagepages 3-23.

Checked and listed all applicable Airworthiness Directives using ATP revision dated 11/14/2014.

Complied with the logbook research.
Updated the computer profiles.

Removed the fuel strainer. Cleaned and inspected as required. No defects noted. Reinstalled the fuel strainer with new o-rings (p/n NAS1523-8B, MS29513-137). No leaks detected.

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

Tightened prop gov cable hardware and replaced cotter pin.

Complied with the 100 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 all tires in accordance the Cirrus Aircraft SR -22 POH.

Complied with fire extinguisher inspection and weight check, no defects noted.

Washed engine with varsol.

Complied with flight control travels and cable tension checks, no defects noted. Complied with work in accordance with Cirrus MM.

Inspected the ELT as per FAR 91.207(d).

MAKE :ACK Technologies

MODEL :E-01

SERIAL :051119

THE BATTERIES EXPIRES :11/14/2016

Removed and replaced air filter p/n BA-24.

Removed and replaced ELT batteries p/n MN1300.

Resecured TKS line in right wing with tywrap.

Cleaned TKS fluid in the bottom of the tail section of aircraft, retorqued fittings at Tee connector ran TKS system
no leaks noted. Complied with in accordance with Cirrus SR-22 mail.

Removed and replaced CAPS rocket motor assembly (TRM-350-018 S/N 0769 Igniter 29501-001 & 29501-002 Propellent) and parachute (P/N 25574-004-REB S/N 01564R1 Cirrus Design Corp Cert. PC#338CE W.O. 505126) in reference to Cirrus SR22 maintenance manual by complying with SB2X-95-18R1. Next due replacement 12/2024.

Serviced TKS system as required. Complied with work in accordance with Cirrus SR-22 MM.

Complied with SB 2X-95-13 modification of CAPS compartment pass through slots.

Removed and replaced #2 batteries (P/N 50979-001) in reference to Cirrus SR22 maintenance manual chapter 24-00. Next due 12/2016.



DOMINION AVIATION

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 J 74 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 J 74

Work Order # 25778

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

DAS FORM LB-2

WORK PERFORMED—
NO. OF PERSON PERFORMING



DOMINION AVIATION

Date: 2/06/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 471.3; Total Time: 471.3; Engine - Type: IO550-N27B, S/N: 917543, Time: 471.3; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 471.3

Airframe

Reinstalled TN

Removed and ~~replaced~~ Skywatch module, same part number and serial number. Reference Cirrus SR22 Maintenance Manual chapter 34-40. Operation checked good.

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 under

Work Order number 26017

Signed *[Signature]*

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

DAS FORM LB-1



Date: 3/31/2015
513.8; Total Time
513.8; Prop - Ty

Airframe

Replaced Avionics
chapter 24-50.

The maintenance was performed in accordance with current FAA Regulations and is approved for return to service only for the work performed.

AVIATION

CIRRUS SR-22; S/N: 1294; Hobbs:
IO550-N27B, S/N: 917543, Time:
7693D, S/N: FP3296B, Time: 471.3

same part number and serial
number Manual chapter 34-40.

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 under

DESCRIPTION OF WORK PERFORMED—
CATEGORY NO. OF PERSON PERFORMING WORK



DOMINION AVIATION

Date: 3/31/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs:
513.8; Total Time: 513.8; Engine - Type: IO550-N27B, S/N: 917543, Time:
513.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 513.8

Airframe

Replaced Avionics relay with new pn 50288-001. Reference Cirrus SR22 MM
chapter 24-50. Operation checked good.

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 under

Work Order number 26196

Signed [Signature]

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

DAS FORM LB-1

AVIATION

Type: CIRRUS SR-22; S/N: 1294; Hobbs:
Type: IO550-N27B, S/N: 917543, Time:
7693D, S/N: FP3296B, Time: 545.2

service only
details of the repair are on file at

Work Order number 26196

Signed [Signature]

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

DAS FORM LB-1



DOMINION AVIATION

Date: 5/19/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs
545.2; Total Time: 545.2; Engine - Type: IO550-N27B, S/N: 917543, Time:
545.2; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 545.2

AIRFRAME

Complied with Emergency Airworthiness Directive AD 2015-10-51 (Dated
May 18, 2015) by inserting a copy of AD 2015-10-51 into the Limitations
Section of the AFM or AFMS.

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 under

Work Order number 26391

Signed [Signature]

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

DAS FORM LB-1



DOMINION AVIATION

Date: 8/11/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 545.2; Total Time: 545.2; Engine - Type: IO550-N27B, S/N: 917543, Time: 545.2; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 545.2

*AIRFRAME**

Serviced the tires as required.
Nose to 40 psi with shop air.
Mains to 62 psi with shop air.

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 under

Work Order number

26689

Signed

Dominion Aviation CRS# ODA018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-1



DOMINION

Date: 8/21/2015; Aircraft: 284CD

ODAR018H



DOMINION AVIATION

Date: 8/21/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 566.4; Total Time: 566.4; Engine - Type: IO550-N27B, S/N: 917543, Time: 566.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 566.4

AIRFRAME

Removed and replaced #5 and #6 CHT probe with p/n-14880-001.
Reference Cirrus MM 77-20.

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 under

Work Order number 26727

Signed V

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

DAS FORM LB-1

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DOMINION AVIATION

Date: 10/07/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 581.1; Total Time: 581.1; Engine - Type: IO550-N27B, S/N: 917543, Time: 581.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 581.1

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 pages 3-23
- Removed the fuel bowl and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-ring and packing (p/n MS29513-137 / NAS1523-8B). All work done in accordance with Cirrus SR22 maintenance manual. No leaks detected.
- Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
- Complied with the 100 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 as required.
- Nose to 40 psi with shop air.
- Mains to 60 psi with shop air.
- Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 542.
- Installed a new placard on the fire extinguisher.
- Reinstalled the extinguisher in the aircraft.
- Washed engine with varsol and dried with shop air.
- Complied with cable tensions and control surface travels checks in reference to Cirrus SR22 maintenance manual chapter 27-00. All cable tensions and control surface travels are within limits for continued airworthiness.
- Inspected the ELT as per FAR 91.207(d).
- MAKE : Ack Technologies
- MODEL : E-01
- SERIAL : 051119
- THE BATTERY EXPIRES : 11/2016
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 10/05/2015.
- Complied with the logbook research.
- Updated the computer profiles.
- Installed erosion tape, part number PM-T4, on the inboard of the left and right wings.

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

I certify that this AIRFRAME has been inspected in accordance with a/an ANNUAL + 100HR inspection and was determined to be in airworthy condition. Details on file at this facility.

Inspector 1

Work Order # 26885

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive

WORK PERFORMED
NO. OF PERSON PERFORMED



Date: 12/11/2015; Aircraft: 598.0; Total Time: 598.0; Prop - Type: PHC

Airframe

Removed loaner GNS 97123906 after repair checked good.

The maintenance described 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.

Work Order number _____

Signed _____

Dominion Aviation CRS#
7511 Airfield Drive
Richmond, Virginia 23133
(804) 271-7793

DAS FORM LB-1



Date: 11/25/2015; Aircraft: 586.0; Total Time: 586.0; Prop - Type: PHC

Airframe

Removed #1 GNS 430 software upgrade. Checked level. Reinstalled same.

Removed #2 GNS 430 GNS 430 loaner. Op

Removed main battery G-243 Battery sn G0 check good. Ref Cir

The maintenance described 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.

WORK PERFORMED—
NO. OF PERSON PERFORMING WORK

TION

RUS SR-22; S/N: 1294; Hobbs:
IO-N27B, S/N: 917543, Time:
S/N: FP3296B, Time: 581.1



DOMINION AVIATION

ction in accordance with
n meets the requirements of
is maintenance manual

and inspected as required.
reen with new o-ring and
work done in accordance with
ected.

MIL-H-5606 hydraulic fluid.
ired in chapter 12.
ed and charged the battery as
gravity checked good in all

Date: 12/11/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs:
598.0; Total Time: 598.0; Engine - Type: IO550-N27B, S/N: 917543, Time:
598.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 598.0

Airframe

Removed loaner GNS 430. Installed original GNS 430 pn 011-00280-10 sn
97123906 after repair by GARMIN International WO 83886983. Operations
checked good.

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 under

nd weight check as required.

Work Order number

27140

Signed

[Signature]

air.
e travels checks in
chapter 27-00. All cable
bits for continued

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

DAS FORM LB-1

irectives using ATP



DOMINION AVIATION

e inboard of the left and

Date: 11/25/2015; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs:
586.0; Total Time: 586.0; Engine - Type: IO550-N27B, S/N: 917543, Time:
586.0; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 586.0

and inspected in
proved for return to
Part 43.9. Pertinent

Airframe

Removed #1 GNS 430 pn 011-00280-10 sn 97124805 to be sent in for
software upgrade. Capital Aviation verified current software is at highest
level. Reinstalled same pn# and sn#. Operations checked good.

ODAR018H

Removed #2 GNS 430 pn 011-00280-10 sn 97123906 for repair. Installed
GNS 430 loaner. Operations check good.

inspected in accordance
was determined to be in

Removed main battery pn G-243 sn G02509406 and replaced with new pn
G-243 Battery sn G02882238. Secured battery and connections, Ops
check good. Ref Cirrus MM

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 under

Work Order number

27054

Signed

[Signature]

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

log book 3
opened 01/15/16

**AIRFRAME
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATION
		TOTAL brought forward from previous page	



DOMINION AVIATION

Date: 1/15/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 614.5; Total Time: 614.5; Engine - Type: IO550-N27B, S/N: 917543, Time: 5.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 5.4

AIRFRAME

Adjusted encoder. Altimeter/Transponder are now reporting within tolerance IAW 91.411.

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 under

Work Order number 27220.

Signed [Signature].

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

DAS FORM LB-1

service only for the work performed. Ref: 14 CFR Part 43.9.
details of the repair are on file at this repair station under

Work Order number 27220

Signed [Signature]

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

DAS FORM LB-1



DOMINION AVIATION

Date: 1/29/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 633.3; Total Time: 633.3; Engine - Type: IO550-N27B, S/N: 917543, Time: 24.2; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 24.2

AIRFRAME

- Removed, cleaned and replaced left assist step non-skid.
- Removed and replaced pilots door gas strut (P/N 18200-003) in reference to Cirrus SR22 maintenance manual chapter 52-00.
- Cleaned, inspected and replaced missing left aileron gap seal IAW Cirrus AMM chapter 57-50.

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 under

Work Order number 27262

Signed [Signature]

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

DAS FORM LB-1

TOTAL-Carry forward to next page

Page No. _____

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATE
TOTAL brought forward from previous page			



DOMINION AVIATION

Date: 3/01/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 664.2; Total Time: 664.2; Engine - Type: IO550-N27B, S/N: 917543, Time: 55.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 55.1

****Airframe****

Removed and replaced right brake caliper installed new orings p/n 101-34500 and temp stickers p/n 51698-001, 51698-003. Bled brakes in Referenced Cirrus Maintenance Manual Chp 32-42, Ops check good.

Removed and installed new rear seat covers with p/n 13134-001-413, referenced Cirrus SR22 Maintenance Manual.

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 under

Work Order number 27373

Signed [Signature]

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

DAS FORM LB-1



Date: 3/14/2016; Air
668.2; Total Time: 66
59.1; Prop - Type: P

AIRFRAME

caliper installed new orings p/n 101-
-001, 51698-003. Bled brakes in
nual Chp 32-42, Ops check good.

at covers with p/n 13134-001-413,
ce Manual.

was performed and inspected in
lations and is approved for return to
Ref: 14 CFR Part 43.9. Pertinent
s repair station under

8H



DOMINION AVIATION

Date: 3/14/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs:
668.2; Total Time: 668.2; Engine - Type: IO550-N27B, S/N: 917543, Time:
59.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 59.1

AIRFRAME

-Removed and replaced right main tire (P/N 156E66-4 S/N 41762347) and
new inner tube (P/N 302-246-401) in reference to Cirrus SR 22
maintenance manual chapter 32-00. Serviced tire to 62 psi with shop air.

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 under

Work Order number

27418

Signed

V Jones

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

DAS FORM LB-1

TOTAL this page

-Carry forward to next page



DOMINION AVIATION

Date: 4/27/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 675.2; Total Time: 675.2; Engine - Type: IO550-N27B, S/N: 917543, Time: 66.1; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 66.1

*** 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 pagepages 3-23
- Removed the fuel bowl and screen. Cleaned and inspected as required. No defects noted. Reinstalled the bowl and screen with new o-rings (p/n MS25513-137, NAS1523-8B) All work done in reference with Cirrus SR22 aircraft maintenance manual. No leaks detected.
- Serviced the brake reservoirs as required with MIL-H-5606 hydraulic fluid.
- Complied with the 100 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 as required. Nose to 40 psi with shop air. Mains to 62 psi with shop air. All work done in reference to POH.
- Complied with the fire extinguisher inspection and weight check as required. Fire extinguisher weight is 19oz. Installed a new placard on the fire extinguisher. Reinstalled the extinguisher in the aircraft. Reference to Cirrus SR22 aircraft maintenance manual.
- Flight control travel and cable tension check complied with. All work done in reference with Cirrus SR22 aircraft maintenance manual.
- Inspected the ELT as per FAR 91.207(d).
- MAKE : ACK
- MODEL : E-01
- SERIAL : 051119
- THE BATTERY EXPIRES : 11-14-2016
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 4/22/2016. Complied with the logbook research. No new or recurring ADs due at this time
- Updated the computer profiles.
- Removed left main landing gear tire and installed new tire, p/n 156E66-4 s/n 40357726. All work done in reference to Cirrus SR22 aircraft maintenance manual.
- Removed left main strut grommet and installed new grommet, p/n 16937-001. All work done in reference to Cirrus SR22 aircraft maintenance manual.
- Removed left main wheel pant bracket and installed new wheel pant bracket, p/n 17205-001. All work done in reference to Cirrus SR22 aircraft maintenance manual.
- Replaced inoperative left passenger seat overhead light assembly. Reference Cirrus SR22 maintenance manual 33-20.
- Removed RH MLG Brake Assembly, Disassembled, Inspected and Reassembled with no defects noted at this time. Removed and Replaced Brake Temperature Indicators and puck o-rings IAW Cirrus AMM Chapter 32-42.
- Removed and replaced the air induction filter p/n BA-24. All work done in reference with Cirrus SR22 aircraft maintenance manual.
- Performed nose wheel fork adjustment / test as per Cirrus SR22 maintenance manual 32-20.

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# ODA018H

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

Inspector [Signature]

Work Order # 27562

Dominion Aviation CRS# ODA018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793



DOMINION AVIATION

Date: 5/25/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 679.2; Total Time: 679.2; Engine - Type: IO550-N27B, S/N: 917543, Time: 679.2; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 679.2

AIRFRAME

Removed number 1 EGT probe and replaced with new EGT probe p/n: 14554-003. Operational check good. Referenced Cirrus SR22 MM CH 77.

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 under

Work Order number 27694.

Signed [Signature].

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

DAS FORM LB-1

DESCRIPTION
CERTIFICATE

Airframe



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605

CRS#ZKGR483J

N284CD Cirrus SR22 S/N 1294 7/19/2016 Hobbs 711.6

Installed both cabin door gas struts I.A.W Cirrus service bulletin SB2X-52-08.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and

is Approved for return to Service.. Pertinent details of the repair are on file at This Repair Station under RO # **4261**

Date: 7/19/2016

Signed:

Columbia Air Services – BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

Airframe



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605

CRS#ZKGR483J

N284CD Cirrus SR22

8/23/2016 Hobbs: 725.6

Removed and replaced right door gas strut p/n 18200-004.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service.. Pertinent details of the repair are on file at This Repair Station under RO # **4291**

Date: 8/23/2016

Signed:

Columbia Air Services – BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>TOTAL brought forward from previous page</p> <p><i>IFR</i> <i>sys leak check</i> <i>24 FPH</i></p> <p><i>STAND by OCT</i> <i>UNITED 59340-3</i> <i>31N 443802</i></p> <p>Columbia Air Services-BHB, LLC 112 Caruso Drive (Hancock County) Bar Harbor Airport—Trenton, ME 04605 CRS#ZKGR483J</p> <p>N Make Date Time:</p> <p>The following comply with FAR 43, Appendix E&F:</p> <ol style="list-style-type: none"> 1. The altimeter listed below, which was tested from -1000 to <u>20</u>,000FT. 2. The correlation test between the altimeter, transponder, and encoder listed below, which has been tested to <u>15</u>,000FT. 3. The static pressure system test. <p>Altimeter Make: <u>Avidyne</u> Model: <u>700-00006-000</u> S/N: <u>21076154</u> Encoder Make: <u>ROK</u> Model: <u>A-30-9</u> S/N: <u>139654</u> Transponder Make: <u>CARVIN</u> Model: <u>GTX-227</u> S/N: <u>83718982</u></p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # <u>4344</u> Date: <u>11/1/16</u> Signed: <u>[Signature]</u> Columbia Air Services—BHB, LLC 112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J</p>
<u>11/1/16</u>	<u>Hobbs</u>	<u>743.1</u>	<p><i>Installed New door GAS STROT on</i> <i>copilot door - Installed Reiff Turbo xP</i> <i>Engine Pre heat system 2AW Reiff Installed</i> <i>operating instructions system Tested</i> <i>Good</i></p>
<p>The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # <u>4344</u> Date: <u>11/1/16</u> Signed: <u>[Signature]</u> Columbia Air Services-BHB, LLC Bar Harbor Airport</p>			
<p>Airframe</p> <p>Columbia Air Services-BHB, LLC 112 Caruso Drive (Hancock County) Bar Harbor Airport—Trenton, ME 04605 CRS#ZKGR483J</p> <p>N284CD Cirrus SR22 5/2/2017 Hobbs 761.9</p> <p>I certify that this aircraft has been inspected I.A.W. an ANNUAL Inspection and was determined to be in airworthy condition. Inspected using Cirrus Sr22 AMM 05-22 as a guide. See AD list for AD's. Inspected and lubed all engine and flight controls Greased wheel bearings, Replaced nose tire with new flight custom II. Inspected and tested ELT I.A.W. FAR 91-207 (d) replaced ELT batteries, batteries now due May 2019. Checked Rudder-Aileron Interconnect Bungee per SR-22 M/M 27-20 for proper rigging with no defects noted. Aircraft run-up for system and leak checks performed aircraft operational and functional check per SR-22 M/M 25-30. No defects noted.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO #4460 Date: <u>5/2/2017</u> Signed: <u>[Signature]</u> Columbia Air Services—BHB, LLC 112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J</p>			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTAL brought forward from previous page

HERITAGE
AVIATION



AIRFRAME LOG ENTRY

N284CD – Cirrus SR22 s/n 1294
Airframe Hobbs: 774.1

- Removed old line cutters p/n 26707-001 with Mfg. date 07/2011 (expire 07/2017). Installed new line cutter kit p/n 25347-002 with Mfg. date 04/2017 (expire 04/2023) IAW Cirrus SR22 CMM ch 95-01.

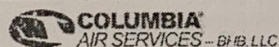
All items were complied with per the manufactures maintenance procedures. This aircraft/engine was determined to be in airworthy condition & is approved for return to service for work performed.

July 14th, 2017

Jared Wamsanz

CRSIGXR589E WO#SH19946

Airframe



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605

CRS#ZKGR483J

N284CD

Model SR22

Date 5-22-18

S/N1294

Time 805.5

I certify this aircraft has been inspected in accordance with an annual inspection And as been determined to be in an airworthy condition. Inspection completed I.A.W. SR22 M/M 05-20. ELT insp. and tested I.A.W. FAR91-207 (d) Battery due 5/2019. Aircraft battery CAPS check @ 92%. C/W SE 2X-95-24 R1, installed rocket shelf ground wire kit p/n 70572-001. Aircraft run up for systems and leak checks were good. No defects noted. See separate log for AD compliance.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under 107-4715
Date: 5-22-2018 Signed:
Columbia Air Services – BHB, LLC
112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

DATE

TOTAL
H K Static leak

TACH OR

checked

3050

AIR SERVICES - BHB, LLC

DESCRIPTION OF WORK PERFORMED

Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport - Trenton, ME 04605

CRS#ZKGR483J

NN284CD Make; Cirrus SR-22 Date 11/30/2018 Time: 836.5

The following comply with FAR 43, Appendix E&F:

1. The altimeter listed below, which was tested from -1000 to 20,000FT.
2. The correlation test between the altimeter, transponder, and encoder listed below, which has been tested to 20,000FT.
3. The static pressure system test.

Altimeter Make: Avidyne Model: 700-00006-000 S/N: 21076184

Encoder Make: ACK Model: A-30.9 S/N: 139654

Transponder Make: Garmin Model: GTX-327 S/N: 8318982

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service.. Pertinent details of the repair are on file at This Repair Station under RO # 4860

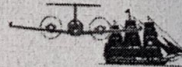
Date: 11/30/2018 Signed:

Columbia Air Services - BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

stand-by united 5934D-3 S/N 443802

Airframe



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport - Trenton, ME 04605

CRS#ZKGR483J

N284CD Cirrus SR22

11/30/2018 Hobbs: 836.5

Installed customer supplied left aileron gap seal I/A/W Cirrus SR-22 AMM 57-5

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service.. Pertinent details of the repair are on file at This Repair Station under RO # 4860

Date: 11/30/2018

Signed:

Columbia Air Services - BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

TOTAL brought forward from previous page

HERITAGE
AVIATION

N284CD Cirrus SR22 S/N: 1294
Hobbs: 850.4



1. Intermittent "Traffic Sensor Failed" messages on Avidyne MFD in flight: Removed Traffic antenna. Found all mounting screws loose, not grounding antenna to airframe ground plane. Cleaned antenna base and airframe connection points. Reinstalled antenna with proper tension/grounding per Cirrus SR22 AMM chap 34-40. Resealed antenna water seal. Accessed Skywatch Processor under Copilot seat. Connected laptop and performed "Antenna Calibration" per, and as required by L-3 Aviation Skywatch 497 Installation Manual 009-10800-001. Reviewed Processor Status, no faults found. Closed Processor access. Observed continuous Traffic updates on MFD and Audio Panel.

2. Constant "TAWS Not Communicating" message on Avidyne MFD: Confirmed fault. Accessed TAWS computer under LH Inst Panel. Reseated cable connector. Verified TAWS fault log and current config settings. All configs in MFD and TAWS correct. Accessed MFD connector harness. Movement of harness connector caused return of communication. Opened cable connector and replaced 3 D-Sub socket pins for zero pin friction. Reassembled MFD connector and retested per Cirrus SR22 AMM chap 34-40. Multiple self-tests show no further faults. Remounted pilot knee panel and CB panel opened for access.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and found airworthy for return to service in respect to the work performed.

Date: 04/25/2019

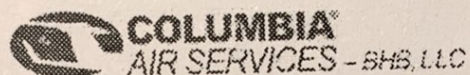
Sign:

Thomas MacArthur

CERT # CRS IGXR989E

WO# A02425

Airframe



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605

CRS#ZKGR483J

N284CD

SR22

S/N 1294

5/30/2019

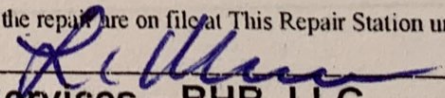
Hobbs 852.4

Inspected aircraft using Cirrus SR-22 M/Manual Chap.5-20 as a guide. Inspected and tested ELT IAW FAR91.207(d), no defects noted. ELT battery due 5/2021. Replaced faded Gap Seal with new, p/n 14390-003. Researched AD's through biweekly 2019-10. See separate AD list for AD's. Reviewed service bulletins.

I certify that aircraft has been inspected IAW an annual inspection and determined to be in airworthy condition.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO **4962**

Date: 5/30/2019

Signed: 

Columbia Air Services – BHB, LLC

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page		

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360
 LOG ID# 1880 18-September-2019 WO# 5632 AC TT 885.3 HOBBS 885.3 Pg 1 / 1
 N284CD S/N 1294 CIRRUS SR22

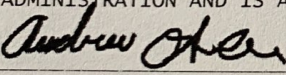
AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GNS430 GPS/NAV/COM (PN: 011-00280-10 SN: 97123906), GNS 430 GPS/NAV/COM (PN: 011-00280-10 SN: 97124805), GTX327 TRANSPONDER (PN: 011-00490-00 SN: 83718982), ENCODER (PN: A-30 SN: 139654), COMANT SPLITTER (PN: CI 1125 SN: 4081462), XM/VHF ANTENNA (PN: CI 2480-206 SN: 4091370), GA 56 GPS ANTENNA (PN: 011-00134-00 SN: 59401280), GA 56 GPS ANTENNA (PN: 011-00134-00 SN: 59401273)

AVIONICS UPGRADE TO INCLUDE THE INSTALLATION OF: GTN 650 (PN: 011-02256-00 SN: 1Z8028878 SYSTEM ID: 343005549F40E), GTN 650 (PN: 011-02256-00 SN: 1Z8029259 SYSTEM ID: 343005BBE6B66), GTX 345 TRANSPONDER (PN: 010-01216-01 SN: 3EG029586), TRANS CAL ENCODER (PN: SSD120-30N-RS232 SN: SRN26754), COMANT SPLITTER (PN: CI 5120 SN: 614449), KA 60 DME/TXPD ANTENNA (PN: CI 105-16 SN: 41663), WAAS GPS/VHF ANTENNA (PN: CI 2580-200 SN: 605517), GPS WAAS/XM ANTENNA (PN: CI 428-410 SN: 606135)

PDATED SOFTWARE IN EXP5000 PFD (SN:21076184) FROM VERSION 8.03 TO 8.06 IN ACCORDANCE WITH AVIDYNE SERVICE BULLETIN 601-00006-111 REV. 00.

NOTE: WORK ORDER #5632 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

 9/18/19

ANDREW O'SHEA Date

BENJAMIN SCHILL T7

Date

NEXAIR
AVIONICS

w5632

LH

Altimeter Correction Card

Altimeter: 700-0006-000

SN: 22076184

ALT	Error	ALT	Error
-1000	0	14000	0
0	0	16000	-10
500	0	18000	0
1000	0	20000	0
1500	0	22000	N/A
2000	0	25000	
3000	0	30000	
4000	0	35000	
6000	0	40000	
8000	0	45000	
10000	0	50000	
12000	0	55000	

Barometric InHg: 29.92

Test Date: 9-19-19

Tested By: B. Schatz

CRS N4OR087B

Plymouth Airport 246 S Meadow Rd Gate 6 Hangar SW-1 Plymouth, MA 02360

NEXAIR
AVIONICS

w5632

Standby

Altimeter Correction Card

Altimeter: 59340-3

SN: 423802

ALT	Error	ALT	Error
-1000	0	14000	+20
0	-10	16000	+40
500	0	18000	+70
1000	0	20000	+120
1500	+10	22000	N/A
2000	+10	25000	
3000	+20	30000	
4000	+20	35000	
6000	+20	40000	
8000	+10	45000	
10000	+10	50000	
12000	+20	55000	

Barometric InHg: 29.92



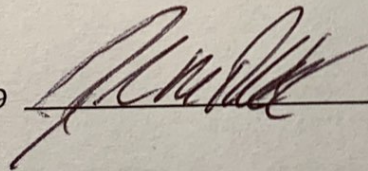
Test Date: 9-19-19

Tested By: B. Schatz

CRS N4OR087B

Plymouth Airport 246 S Meadow Rd Gate 6 Hangar SW-1 Plymouth, MA 02360

Page No. _____

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			<div data-bbox="512 501 949 659"> HERITAGE AVIATION</div> <div data-bbox="1535 498 1661 667"> CIRRUS PARTNER PLATINUM</div> <div data-bbox="966 774 1308 865">AIRFRAME LOG ENTRY N284CD – Cirrus SR22 S/N 1294 Airframe Hobbs: 900.1</div> <div data-bbox="529 924 1738 1062"><ul style="list-style-type: none">• Drained fuel from RH wing, removed inboard RH wing fuel panel, cleaned sealant from access panel and wing as needed. Applied PR1428 B1/2 sealant as needed and reinstalled and torqued screws. Refueled, no leaks noted at this time. Touched up screw heads and sealant with white paint as needed, Ref. SR22 AMM Ch. 57-30</div> <div data-bbox="451 1112 1743 1195"><p>All items were complied with per the manufacture's maintenance procedures. This aircraft/engine was determined to be in airworthy condition & is approved for return to service for work performed.</p></div> <div data-bbox="518 1276 709 1310"><p>Date: 11/22/2019</p></div> <div data-bbox="701 1201 1066 1370"></div> <div data-bbox="1186 1261 1688 1299"><p>Josh Rock for CRSIGXR989E WO# SH22643</p></div>



Airframe

Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605

CRS#ZKGR483J

N284CD SR22 S/N 1294 5/20/2020 Hobbs 904.5

Inspected aircraft using FAR 43 appx “D”, using Cirrus SR-22/22T AMM Chap.5-20 as a guide. Inspected and tested ELT IAW FAR91.207(d), no defects noted. Capacity test on aircraft battery passed @83%. Reinstalled Reiff preheat oil sump heater on right hand side. Researched AD’s through biweekly 2020-11. See separate AD list for AD’s. I certify that aircraft has been inspected IAW an annual inspection and determined to be in airworthy condition.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO **5225**

Date: 5/20/2020Signed: *Robert A. Malone***Columbia Air Services – BHB, LLC**

112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J