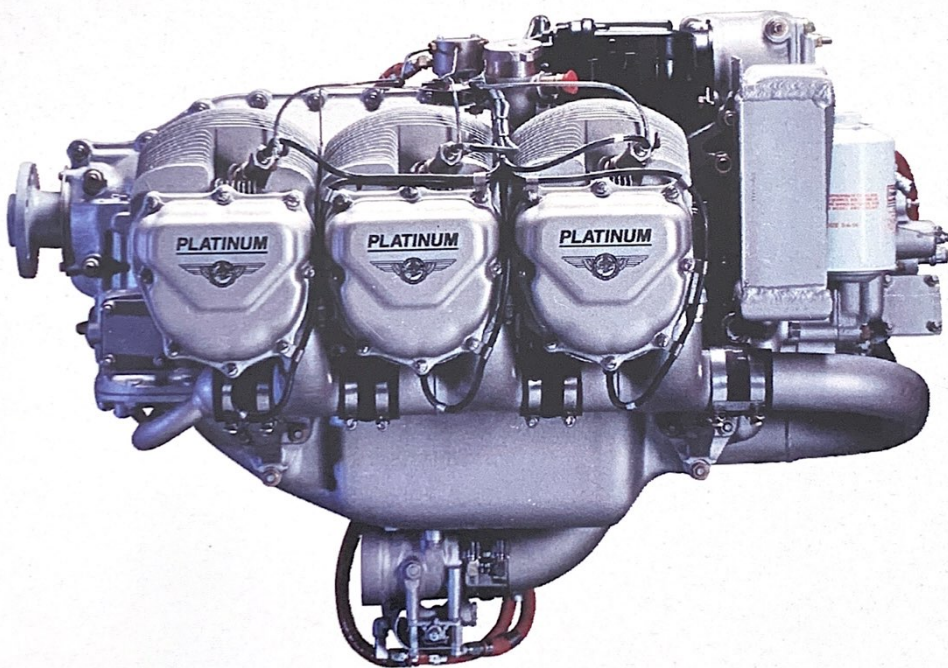


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model

IO 550 N27B

Engine Serial Number

917543

Testing Completed

Standard Acceptance Test:

Date of Completion

12.24.04

Test Operator

29769



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company



CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Platinum engine model I0550N27 was
manufactured on 12/24/2004 by
accordance with approved design data and the applicable requirements of
Part 21 of the Federal Aviation Regulation. The approved design data for
this engine incorporates all changes required by applicable Airworthiness
Directives and Teledyne Continental Motors Service Bulletins.

This engine model I0550N27, Serial No. 917543 was manufactured on 12/24/2004
by Teledyne Continental Motors in accordance with approved design data and the applicable requirements
of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all
changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

Thomas A Howard

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

al Time	Time Since Last Overhaul		<h1>Engine Service and Maintenance Record</h1> <p>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Min.	Hrs.	

ENGINE MODEL:
ENGINE S/N:
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:
ENG TT:
HOBBBS: 5.4

Engine Entries

(12) Adjusted idle RPM IAW TCM Maint. Manual X30634A, op's checked good.

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: 

Dave Ruuskanen
 Certified Repair Station No. YD5R855Y

Work Order: 2937-02-2005

Printed by EBis 3 (datcomedia.com)



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
ENGINE X
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. Complied with Oil and Filter Change. Drained oil and removed filter. Cut open filter, no evidence of contamination found. Serviced engine with 8 quarts of Aeroshell 100 Mineral oil and CH 48108 Filter.
2. Performed ground run, no leaks/defects noted.

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

Date

Date: 3/ 8/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294

Brought Forward

ENGINE

HOBBS - 0017.9

Troubleshoot, determined that alt 2 shaft is sheared. P/N 13565-001.
Removed and replaced alternator - P/N on 13565-001S.
Run up check good.

(BC410-1)

SN# ON1032180

SN# OFF 1243192

The maintenance described above was performed and inspected in accordance with current Regulations and is approved for return to service only for the work performed. Ref: 14 C

Pertinent details of the repair are on file at this repair station under work order number. 14945

Signed 

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

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

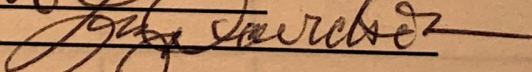
ENGINE

HOBBS - 0039.6

Complied with the oil and filter change.
Ran the aircraft.
Removed the cowling and drained the oil.
Removed the oil filter.
Cut open the old filter and inspected, found no defects.
Installed a new filter.
Serviced with 8 quarts of Aeroshell 100 Mineral.
Ran the engine and leak checked ok.
Reinstalled the cowling.

The maintenance described above was performed and inspected in accordance with Regulations and is approved for return to service only for the work performed. Ref:

Pertinent details of the repair are on file at this repair station under work order number. 15008

Signed 

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



DOMINION AVIATION

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

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

1. Complied with Oil and Filter Change. Drained oil and removed filter. Cut open filter, no evidence of contamination found. Serviced engine with new CH48108-1 Filter and 8 quarts of Aeroshell 15W50.
2. Performed ground run, no leaks/defects noted.

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 _____

Date: 5/26/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294

ENGINE

HOBBS - 0061.7

Complied with the oil and filter change.
Serviced with 8 quarts of Aeroshell 15W50.
Cut open the old filter and found no defects .
Removed, inspected, cleaned and reinstalled the sump screen with a new gasket.
Ran the engine and leak checked ok.

The maintenance described above was performed and inspected in accordance with Regulations and is approved for return to service only for the work performed. Ref:

Pertinent details of the repair are on file at this repair station under work order number. 15228

Signed 

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

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Total T

Hrs.

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

ncc
Speci

****ENGINE****

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.

Complied with Compression Check: #1-71/80, #2-68/80, #3-68/80, #4-62/80, #5-68/80 and #6-69/80. Minimum reading for the day was 49/80. Reference Teledyne Continental Motors Service Bulletin 03-3.

Complied with oil and filter change. Drained oil and removed filter. Cut open filter, no evidence of contamination found. Serviced engine with 8 quarts of Aeroshell 15W50 and CH48108-1 Filter.

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

Removed, cleaned, gapped and tested all Spark Plugs. Reinstalled with new gaskets.

Replaced Induction Air Filter with new, P/N BA-24.

Complied with fuel injection nozzles cleaning using TCM IO-550 maintenance manual, X30634A, section 13. Next due at TTAF 497.3 hours.

Review TCM A.D. 2005-12-06 (7/19/2005) Magneto Impulse Inspection . Found not applicable to left and right magnetos due to engine make and model.

Complied with SID 97-3C fuel injection checks and found within limits.

Performed ground run, no leaks/defects noted.

I certify that this ENGINE 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 M. K... ..*
Work Order # 16101

Dominion Aviation CRS #ODAR018H
(804) 271-7793

Date

Total Time

Time Since

Engine Service and

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

ENGINE

Removed #2 alternator from engine to test for failure light illumination. After removal found alternator shear shaft had sheared. Removed bad coupling, cleaned out coupling pieces. Installed a new shear coupling P/N 1333565-020. Reinstalled back on engine. Operational checks ok.

Decowled engine for the oil and filter change. Drained oil, removed old oil filter & performed the internal inspection of the filter element. No defects noted. Installed a new drain plug gasket [p/n MS35769] and new oil filter [p/n CH481108-1]. Added 8 quarts of Aeroshell 15W50 oil. Leak checked OK. Cowled engine.

Cleaned air/oil separator.

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 *Alan A. Palmer*

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

Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
Hrs.	Min.	Hrs.	Min.	

Date: 9/27/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294 SHOP ORDER 15641

ENGINE

TTAF - 109.8
TTENG - 109.8

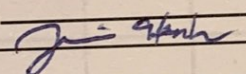
Complied with Oil and Filter Change. Drained oil and removed filter. Cut open filter, no evidence of contamination found. Serviced engine with 8 quarts of Aeroshell 15W50 and new CH48108-1 Filter.

Complied with SOAP Sample as requested.

Performed ground run, no leaks/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.

Signed 

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

Date: 12/ 9/2005, Aircraft: 284CD, Type: CIRRUS SR-22, S/N: 1294

ENGINE

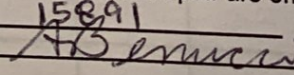
TTAF - 0169.6
HOBBS - 0169.9

Complied with Oil and Filter Change. Drained oil and removed filter. Cut open filter, no evidence of contamination found. Installed new filter and torqued to 17 foot pounds and safetied. Added 8 quarts of Aeroshell 15W50.

Performed ground run, no leaks/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.

Signed 

Dominion Aviation CRS ODAR018H
7511 Airfield Drive

Brought Forward	Last Overhaul		Installations, Inspections, Air Modifications and Service Bull	
	Hrs.	Min.	Hrs.	Min.
→				

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

****ENGINE****

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 .

Complied with the oil and filter change. Serviced with 8 quarts of 15w50. Installed new oil filter p/n CH48101-1. Cut open the old filter and found no defects noted .

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 73/80, #2 - 72/80, #3 - 72/80, #4 - 70/80, #5 - 70/80, #6 - 72 /80. min. orifice reading was 52/80.

Using aircraft logbooks and ATP Navigator V profile content version dated 3/23/07 list and update AD's

Clean, gap, test and rotate spark plugs.

Run engine and leaked checked oil filter and sump plug ok.

Removed all fuel injectors. Removed injector o-rings. Cleaned and inspected injectors. No defects noted. Installed new o-rings part number 630979-9 quantity of six. Applied anti-seize compound. Re-installed fuel injectors. Leaked check fuel injectors. No leaks noted.

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

Signature *Robert Kenney*

Work Order # 17300
 Dominion Aviation CRS #ODAR018H
 (804) 271-7793

Date	Total Time	Time Since Last Overhaul	Engine Service
------	------------	--------------------------	-----------------------

Date: 9/27/2007; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 303.1; Total Time: 303.1; Engine - Type: IO550-N27B, S/N: 917543; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B

****ENGINE****

Visually inspected cylinder #6 CHT probe/wiring for defects and connections. No defects found. Swapped cylinder # 4 and #6 CHT probes and resecured wires with new tyrap. Removal and installation performed in accordance with Cirrus SR22 maintenance manual chapter 77-20. Observations of erratic CHT probe #6 and #4 are to be made on next flight for further evaluation. Reinstalled top and left side cowl. Ops tested landing light 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 _____

Signed _____

7843
[Signature]

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

Date: 4/16/2008;
303.4; Total Time:
Type: PHC-J3YF-

****ENGINE****

Date: 4/16/2008; 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-J3YF-1RF/F7693D, S/N: FP3296B

****ENGINE****

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 a compression check on all engine cylinders. The readings were as follows: #1 - 66/80, #2 - 64/80, #3 - 68/80, #4 - 67/80, #5 - 68/80, #6 - 72/80. Master orifice reading minimum for the day is 47 psi. Used FwiE compression tester gages #65 and #66 calibrated 10-27-7007. Next time due 10-27-08.

Complied with AD 2007-16-10 to prevent turbine rotor separation. Found AD to be not applicable by model of engine installed. No further action required.

Washed engine with varsol.

Removed oil filter. Cut open and inspected element. Installed new oil filter P/N CH48108-1, torqued to 18 ft. lbs using DAS PME #21 due calibration 4/27/08, and safety wired. Test ran engine and leak tested, no discrepancies noted.

Removed the spark plugs. Inspected and cleaned and rotated the spark plugs. No defects found. Re-installed the spark plugs with new gaskets. Torqued plugs to 30 ft. lbs using PME # 21 torque wrench. Calibrated 4-27-07. Next time due 4-27-08.

I certify that this Engine 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 H. Oliver

Work Order #

18557

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

Date	Total Time		Time Since Last Overhaul		Engine Serv Installations, Inspectio Modifications and Ser
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



DOMINION AVIATION

Date: 8/13/2008; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 310.7; Total Time: 310.7; Engine - Type: IO550-N27B, S/N: 917543, Time: 310.7. SMOH: 310.7; Prop - Typ: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 310.7. SMOH: 310.7

****ENGINE****

Inspected right mag plugs and found bottom #2 fouled. Cleaned, gapped and tested right mag plugs. Reinstalled plugs and run engine. 50 rpm drop and smooth on each mag.

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 18983

Signed *John Kennedy*

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



Date: 10/16/08



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
ENGINE

- 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 page4-23.
- Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 76/80, #2 - 73/80, #3 - 69/80, #4 - 67/80, #5 - 74/80, #6 - 74/80. Master orifice 46/80
- Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell 15W50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.
- Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference : Champion aviation service manual AV6-R.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 10/10/2013. Complied with the logbook research. Updated the computer profiles.

I certify that this ENGINE 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

Engine Service and

ons, Airw
vice Bull

Date	Total Time	Time Since Last Overhaul
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Bro



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-N27B, S/N: 917543, Time: 327.8; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 327.8

ENGINE

- 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. Complied with the logbook research. Updated the computer profiles.
- Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell 15W-50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Complied with S.O.A.P sample.
- Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 62/80, #2 - 56/80, #3 - 64/80, #4 - 60/80, #5 - 54/80, #6 - 64/80. Master orifice reading 47/80.
- Run engine and found no leaks at oil filter.

I certify that this ENGINE 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 Kelvin Kennedy

Work Order # 19721

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
ENGINE

-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.

-Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 57/80, #2 - 66/80, #3 - 58/80, #4 - 64/80, #5 - 66/80, #6 - 64/80. PME #65 & 66 calibration due 11/2010. Master Orifice reading 46/80

-Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell 15W50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Removed, inspected, cleaned and reinstalled the sump magnet with a new gasket (MS35769-11). PME #21 calibrated 5/11/2010.

-Inspected, cleaned, gapped, tested, rotated and re-installed all spark plugs. Replaced all 12 copper gaskets P/N M674 and torqued spark plugs to proper limits using PME # 21. Ref Champion Aviation Service Manual.

-Ground ran aircraft. Leak check good at oil filter and sump.

-Complied with the engine oil sample as required. Prepped and shipped the sample to the lab for analysis.

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

-A.D. 2009-16-03 inspection of exhaust valve and separation of cylinder heads not applicable due to engine model.

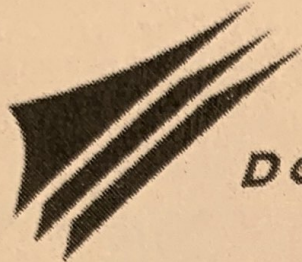
-A.D. 2009-24-52 E inspection of hydraulic lifters not applicable due to no hydraulic lifters being replaced after 6/19/2009.

I certify that this Eng 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 # 21089

Dominion Aviation CRS #ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7702



DOMINION AVIATION

Date: 1/28/2011; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 361.7; Total Time: 361.7; Engine - Type: IO550-N27B, S/N: 917543, Time: 361.7; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B
ENGINE

-Inspected #5 CHT probe and wiring harness. No defects noted. Swapped #5 CHT probe with #3 CHT probe. Ground run aircraft. No defects noted and could not duplicate erratic readings on #5 or #3 CHT. All work done in accordance with Cirrus SR-22 maintenance manual chapter 77-00.

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 21967

Signed [Signature]

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



MONACO AIR

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; Engine - Type: IO-550-N (27), S/N: 917543, Time: 390.8, SMOH: 390.8
Shop Order #: 11-7976

Performed Annual / 100 Hr inspection of engine IAW CDC AMM 5-20 and 5-30.

Changed engine oil and filter, Champion CH48108-1. Serviced with 8 qts of Aeroshell 15W50 engine oil.

Performed particulate inspection on filter, checked good. Ops and leak checks good. All work IAW CDC AMM.

Performed engine cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 66/80, #2 64/80, #3 65/80, #4 63/80, #5 68/80, #6 70/80, master orifice reading of 40/80. Work performed IAW TCM MM and SB 03-3.

Performed engine fuel pressure setup IAW TCM SID 97-3E.

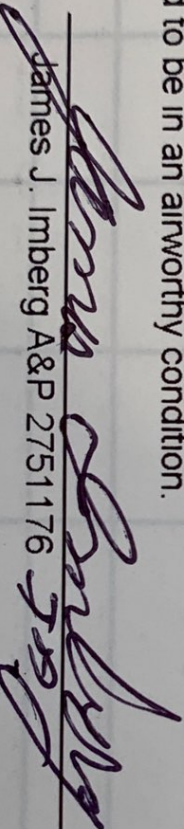
Adjusted magneto to engine timing as required IAW TCM overhaul manual.

Cleaned and tested spark plugs. Installed anew air filter element. Cleaned main fuel screen. Checked and recharged battery.

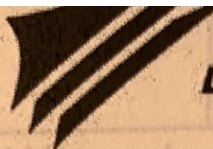
Inspected accessories, exhaust and intake systems. Engine run up and leak check ok.

I certify that this engine has been inspected in accordance with an Annual / 100 hour inspection and was determined to be in an airworthy condition.

Signature:



James J. Imberg A&P 2751176



DOMINION AVIATION

Installations, Repairs
Modifications and Serv

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

ENGINE

-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.

-Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 72/80, #2 - 58/80, #3 - 60/80, #4 - 61/80, #5 - 74/80, #6 - 69/80. Minimum Orifice reading 46/80.

-Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell15W50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Removed, inspected, cleaned and reinstalled the drain plug with a new gasket p/n: AN900-10. Ref. Cirrus SR-22 MM Chapter 12.

-Removed the spark plugs.
Inspected, cleaned, gapped and rotated the spark plugs.
Re-installed the spark plugs with new gaskets, pn# M674.
Reference : Champion aviation service manual AV6-R.

-Checked and listed all applicable Airworthiness Directives using ATP revision dated 09/17/2012. Complied with the logbook research. Updated the computer profiles.

-Removed left and right magnetos. Complied with left and right magneto 500 hour inspection (Maxwell's Magnetos W.O. 3760 Left P/N 10-500556-1 S/N D04LA069 Right P/N 10-500556-1 S/N D04LA056). Installed repaired left and right magnetos with new gaskets. Timed magnetos to engine. All work done in reference to TCM IO-550 maintenance manual. Ground run aircraft. Ops checked good. Leak check good.

-Applied red RTV736 between oil breather tube and #2 cylinder intake tube to prevent further chaffing.

-Washed engine as required.

-Removed and replaced #1 spark plug in reference to Cirrus SR22 maintenance manual chapter 74-00.

I certify that this ENGINE 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 T. Jones

Work Order # 23732

Dominion Aviation CRS #ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237

****ENGINE****

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.

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 61/80, #2 - 64/80, #3 - 64/80, #4 - 58/80, #5 - 62/80, #6 - 68/80.

Complied with the oil and filter change. Removed drain plug and installed quick drain plug p/n S6250. Cut open the old filter and found no defects. Installed new oil filter p/n CH48108-1. Serviced with 8 quarts of 15W-50. Ran the engine and no leaks detected.

Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference : Champion aviation service manual AV6-R.

Found AD 2014-05-29 SAP Cylinder Inspection, effective April 25, 2014, to be not applicable by visual inspection of installed components and log book research. No further action required until cylinder replacement.

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 97 CRS# ODAR018H

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

Inspector J 97
Work Order # 25778

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



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

Engine

Removed Ishka starter pn 665181824V sn 04-264-0018 and starter drive adapter pn 642083A12 sn none and replaced with rebuild starter drive adapter pn R-642083A12 sn 8138 and overhauled Hartzell starter pn 646275-1 sn F310073. Updated aircraft Weight and Balance. Reference Cirrus SR22 Maintenance Manual chapter 80-10 and Continental IO-550N Maintenance and Overhaul Manual chapters 12 and 17. 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



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

Engine

No output from #1 Alternator. Removed Alternator pn 646843 sn F6199348. Installed overhauled Alternator pn 646843 sn J312864. Reference Cirrus SR22 MM chapter 24-30. Operation checked good.

Replaced #6 CHT probe with new pn 14880-001. Reference Cirrus SR22 Maintenance Manual chapter 77-20. Operation checked good.

Complied with the oil and filter change. Serviced with 8 quarts of 15W-50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.

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



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

ENGINE

Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell W100. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.

Removed top spark plugs and borescoped each cylinder. No defects noted. Reinstalled spark plugs with new gaskets.

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 .

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

DAS FORM LB-1



DOMINION AVIATION

Brou

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

ENGINE

-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

-Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 74/80, #2 - 64/80, #3 - 66/80, #4 - 72/80, #5 - 76/80, #6 - 76/80.

-Complied with the oil and filter change. Serviced with 8 quarts of Aeroshell 15W50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects.

-Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Replaced one faulty spark plug, part number RHB32-E, with new spark plug, part number RHB32-E. Re-installed the spark plugs with new gaskets, pn# M674. All work done in compliance with champion aviation service manual AV6-R.

-Ground run aircraft. Leak check good on oil filter and fuel bowl.

-Removed and replaced #5 EGT probe (P/N 14880--001) in reference to Cirrus SR22 maintenance manual chapter 31-00. Ops 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.

Signed

[Signature]

CRS# ODAR018H

I certify that this ENGINE 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

[Signature]

Work Order #

26885

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7700

	Hrs.	Min.	Hrs.	Min.	Modifications and
Brought Forward	→				



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

*****ENGINE*****

Removed #6 EGT probe. Installed new probe pn# 14554-001. Function check good at this time.

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 


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

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

*** ENGINE ***

- 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
- Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 64/80, #2 - 62/80, #3 - 61/80, #4 - 68/80, #5 - 56/80, #6 - 77/80. Master orifice reading 49psi.
- Complied with the oil and filter change. Serviced with 8 quarts of Phillips X/C aviation 20w 50. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected. All work done in reference to Cirrus SR22 aircraft maintenance manual chapter 12.
- Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Reinstalled the spark plugs with new gaskets, p/n M674. Reference : Champion aviation service manual AV6-R.
- 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 top spark plug on #4 cylinder and installed new spark plug with p/n RHB32E. Reference : Champion aviation service manual AV6 -R.
- Adjusted routing and secured ignition lead bundles to provide clearance from engine fuel injector lines as needed.

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 ENGINE 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 

Work Order # 27562

Dominion Aviation CRS# ODAR018H



DOMINION AVIATION

Date: 5/13/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 676.4; Total Time: 676.4; Engine - Type: IO550-N27B, S/N: 917543, Time: 676.4; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 676.4

*****Engine*****

Removed and replaced cht probe pn# 14880-001. Ops 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 27634

Signed [Signature]

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

DAS FORM LB-1



DOMINION AVIATION

Date: 5/31/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobbs: 689.9; Total Time: 689.9; Engine - Type: IO550-N27B, S/N: 917543, Time: 689.9; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 689.9

*****ENGINE*****

-Complied with inspection of all cylinder hydraulic lifters and cam lobe in reference to Teledyne Continental Motors IO 550 N overhaul manual. 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 27698

Signed [Signature]

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive

ions,
ervice





DOMINION AVIATION

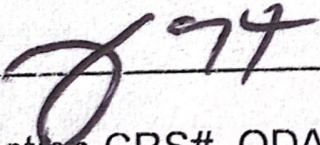
Date: 5/25/2016; Aircraft: 284CD; Type: CIRRUS SR-22; S/N: 1294; Hobb
689.9; Total Time: 689.9; Engine - Type: IO550-N27B, S/N: 917543, Time:
689.9; Prop - Type: PHC-J3YF-1RF/F7693D, S/N: FP3296B, Time: 689.9

Engine

Ground ran Aircraft, lean mixture out to clean up plugs, 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 27694.

Signed .

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

DAS FORM LB-1

Engine



Columbia Air Services-BHB, LLC

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

CRS#ZKGR483J

N287CD

Cirrus SR22

7/19/16

Hobbs 711.6

Changed oil and filter, cut open filter and inspected no defects noted. Serviced with Philips X/C 20/50 Took Blackstone sample. Run-up, leak and system checks are normal no defects noted.

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

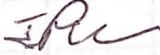
Date: 7/19/16

Signed: 

Columbia Air Services – BHB, LLC

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

Date: 11/15/2016 Aircraft N284CD, Type SR-22, SN 1294, Hobbs 750.8,
Total Time Engine 750.8, Type IO550-N27B S/N 917543
Engine Oil Change IAW Service Manual Checklist. Drained oil, removed filter. Cut open for inspection.
No metal found. Oil sample sent to Blackstone for analysis. Installed new Tempest filter AA 48108-2 and
serviced with 7 qts. Philips XC 20W-50 oil and 12 oz. Camguard.
Ran Engine, leak check OK.

James Pickrell (owner)  Cert # 15427719

Engine

Columbia Air Services-BHB, LLC
112 Caruso Drive (Hancock County) Bar Harbor Airport - Trenton, ME 04605
CRS#ZKGR483J

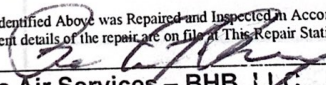
N284CD Cirrus SR22

5/2/2017

Hobbs 761.9

I certify that this Engine 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. compression: 1-
72/80 2-76-80 3-74-80 4/75-80 5/76/80 6-78/80 Oil and filter change not required at this time. Cleaned gapped
and tested plugs, replaced one bad plug p/n URHB32E
Cleaned fuel strainers inspected and tested exhaust heat exchange. Engine run-up for system and leak
checks were good. No defects noted.

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: 5/2/2017 Signed: 

Columbia Air Services - BHB, LLC

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

Date: 08/11/2017 Aircraft N284CD, Type SR-22, SN 1294, Hobbs 780.6


Total Time Engine 780.6, Type IO550-N27B S/N 917543

Engine Oil Change IAW Service Manual Checklist. Drained oil, removed filter. Cut open for inspect

No metal found. Oil sample sent to Blackstone for analysis. Installed new Tempest filter AA 48108-2

serviced with 7 qts. Philips XC 20W-50 oil and 12 oz. Camguard.

Ran engine, leak check OK.

James Pickrell (owner) 

Cert # 15427719

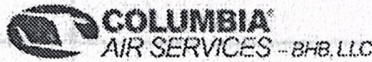
Date: 04/15/2018 Aircraft N284CD, Type SR-22, SN 1294, Hobbs 802.0
Total Time Engine 802.0, Type IO550-N27B S/N 917543
Engine Oil Change IAW Service Manual Checklist. Drained oil, removed filter. Cut off
No metal found. Oil sample sent to Blackstone for analysis. Installed new Tempest filter
serviced with 7 qts. Philips XC 20W-50 oil and 12 oz. Camguard.
Ran engine, leak check OK.

James Pickrell (owner)



Cert # 15427719

Engine



Columbia Air Services-BHB, LLC

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

CRS#ZKGR483J

N284CD Date 5-22-18 S/N 1295 Time 805.5

Inspection completed I.A.W. SR 22 M/M 05-20. Retimed both magnetos to engine
To specs. Replaced all spark plugs due to wear. Oil change not required at this time.
Compressions; 1) 73/80 2) 77/80 3)75/80 4)76/80 5)75/80 6) 78/80. Cleaned fuel
strainers. Engine run up for system and leak checks were good. No defects noted.
I certify this engine has been inspected in accordance with an annual inspection and
has been 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 # 4715

Date: 5-22-2018

Signed: 

Columbia Air Services - BHB, LLC

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

Date: 10/09/2018 Aircraft N284CD, Type SR-22, S/N 1294, Hobbs 833.3, Total Time Engine 833.3, Type IO550-N27B S/N 917543
Engine Oil Change IAW Service Manual Checklist. Drained oil, removed filter. Cut filter open for inspection. No metal found. Oil sample sent to Blackstone for analysis. Installed new Tempest filter AA-48108-2, serviced with 7 qts Phillips X/C 20W-50 oil and 12 oz CamGuard. Ran engine. Leak check OK.

James Pickrell (owner) cert # 15427719



Engine



Columbia Air Services-BHB, LLC

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

CRS#ZKGR483J

N284CD SR22

S/N 917543

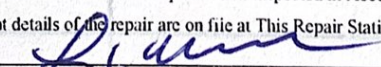
5/30/2019

Hobbs 852.4

Inspected aircraft using Cirrus SR-22 M/M Chap. 5-20 as a guide. Changed oil and filter, cut open filter and inspected, no defects noted. Serviced with Phillips 20/50 XC, took Blackstone oil sample, cleaned spark plug wire ends, checked compressions 1) 72/80, 2) 66/80, 3) 68/80, 4) 68/80, 5) 72/80, 6) 70/80. AD's checked through biweekly 2019-10. See separate log for AD's. Engine run-up for system and leak checks were good. No defects noted.

I certify this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition.

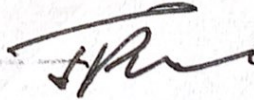
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO **4962**

Date: 5/30/2019 Signed: 

Columbia Air Services - BHB, LLC

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

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Re Installations, Inspections, Airworthiness Directives, Special Ins Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

- Date: 10/14/19 Aircraft N284CD, Type SR-22, S/N 1294, Hobbs 894.3, Total Time Engine 894.3, Type IO550-N27B S/N 917543
 - Engine Oil Change IAW Service Manual Checklist. Drained oil, removed filter. Cut filter open for inspection. No metal found. Oil sample sent to Blackstone for analysis. Installed new Tempest filter AA-48108-2, serviced with 7 qts Phillips X/C 20W-50 oil1. Ran engine. Leak check OK.
 - James Pickrell (owner) Commercial cert # 15427719 

Multi-Use Labels

Engine



Columbia Air Services-BHB, LLC

112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605
CRS#ZKGR483J

N284CD SR22 S/N 911543 5/20/2020 Hobbs 904.5

Inspected aircraft using FAR 43 Appx. "D" and Cirrus SR-22/22T AMM Chap. 5-20 as a guide. Changed oil and filter, cut open filter and inspected no defects noted. Serviced engine with Phillips X\C 20-50. Checked compressions: 1) 74/80, 2) 75/80, 3) 73/80, 4) 78/80, 5) 72/80, 6) 75/80. Cleaned and gapped spark plugs. Complied with 500 hour Magneto inspection, replaced right hand magneto with p/n 10-500556-1, s/n D16IA004, replaced left hand magneto with p/n 10-500556-1, s/n D16IA011. AD's checked through biweekly 2020-11. See separate log for AD's. Engine run-up for system and leak checks were good. No defects noted. I certify this engine has been inspected in accordance with an annual inspection and has been 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 BO 5225

Date: 5/20/2020

Signed: *Robert A. Malone*

Columbia Air Services – BHB, LLC

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

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