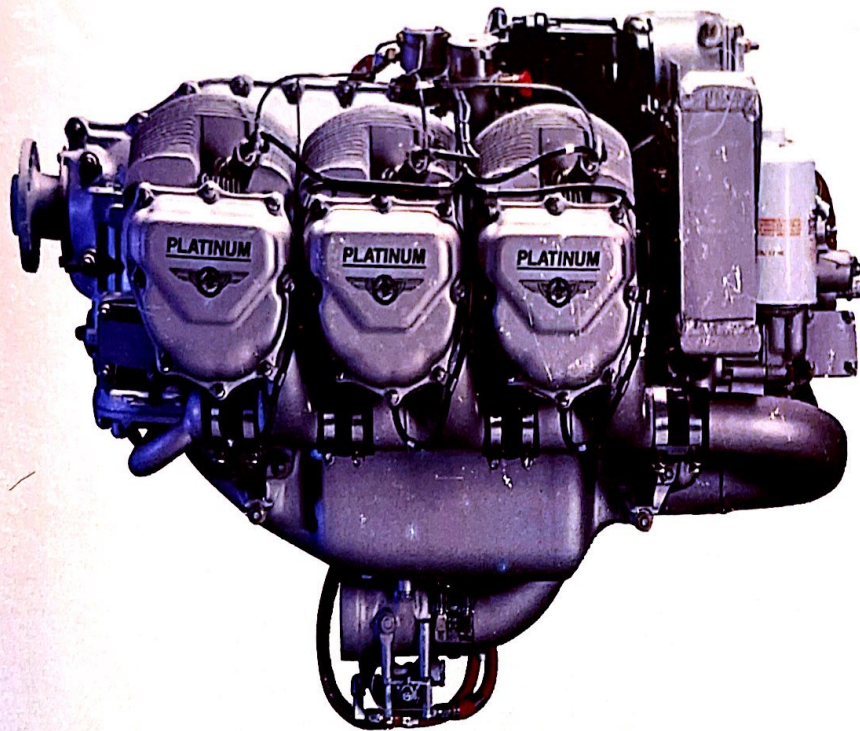


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Platinum engine model I0550N27 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. Printed: 11/04/2005. 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. 688948 was manufactured on 11/03/2005 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.



TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date	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.	



HOBBS 0353.8
 TOTAL 0353.8
 TSOH _____
 DATE 5/31/07

AIRCRAFT MAINTENANCE & REPAIR
 FALCON FIELD - MESA, AZ

REG # N222WH
 A/C # 1711
 ENG # 688948

RUN ENGINE TO TEMP. DRAIN OIL AND REPLACE OIL FILTER. REFILL ENGINE WITH 7 QUARTS AEROSHELL 15 W 50 ENGINE OIL. OPS TEST AND LEAK CHECK. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

[Signature] A/P 3207874



HOBBS 0425.6
 TOTAL 0425.6
 TSOH _____
 DATE 2/08/08

AIRCRAFT MAINTENANCE & REPAIR
 FALCON FIELD - MESA, AZ

REG # N222WH
 A/C # 1711
 ENG # 688948

RUN ENGINE TO TEMP. DRAIN OIL AND REPLACE OIL FILTER. CUT OLD OIL FILTER AND INSPECT FOR METAL; NONE NOTED. REMOVE, CLEAN, INSPECT, GAP, TEST AND REINSTALL SPARKPLUGS. PERFORM COMPRESSION TEST AS FOLLOWS: #1)-74/80 #2)-76/80 #3)-74/80 #4)-74/80 #5)-76/80 #6)-72/80. REMOVE, CLEAN, INSPECT AND REINSTALL FUEL INJECTION NOZZLES USING NEW SEALS. REPLACE AIR FILTER AND PERFORM 500 HOUR MAGNETO INSPECTION ON LEFT AND RIGHT MAGNETOS AND TIME MAGNETOS TO ENGINE. WASH ENGINE AND OPS TEST.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

[Signature] A/P 3123733.

ENGINE MODEL 10-550-N
 (27)
 ENGINE S/N
 REG NO. 222WH
 WORK ORDER
 11640-07-2008



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

DATE 7/22/2008
 A/C TSN 476 9
 ENG TT: 476 9
 HOBBS 476 9

Engine Entries

(1) Drained engine oil and took oil sample, removed oil filter and performed particulate inspection, no discrepancies noted, installed new oil filter P/N CH48108-1 and serviced engine with 8QTS of Aeroshell 15W-50 oil. Leak and operational check good, work performed IAW cirrus mm chapter 12-10.

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

DATE: 7/22/2008

SIGNED: *[Signature]*
 Steve Wilhelm
 Certified Repair Station No. YD5R855Y

Work Order: 11640-07-2008

Printed by EBIS 3 (datcomedia.com)

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

DATE 11/5/2008
A/C TSN 522 8
ENG TT
TSMOH 522 8
HOBS 522 8

Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
1515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

ENGINE MODEL: IO550N27
ENGINE S/N 688948
REG NO 717PG
WORK ORDER 12212-10-2008



Engine Entries

(5) Performed engine Annual/100HR inspection IAW cirrus mm chapter 5-20 and 5-30 (8) Researched ADs through bi-weekly issue 2008-21. all ADs are in compliance at this time (11) Drained engine oil and took oil sample. removed oil filter and performed particulate inspection, no discrepancies noted. installed new oil filter P/N CH48108-1 and serviced engine with 8QTS of Aeroshell 15W-50 oil Leak and operational check good, work performed IAW cirrus mm chapter 12-10 (12) Performed engine cylinder compression and boroscope inspections, no discrepancies noted on boroscope inspection, compressions are as follows #1 73/80, #2 72/80, #3 72/80, #4 73/80, #5 72/80, #6 70/80, master orifice reading of 46, work performed IAW T C M MM section 19, and T C M S B 03-3 (13) Removed, cleaned, inspected, gapped, tested, rotated, and reinstalled spark plugs IAW T C M MM section 12 (14) Performed magneto to engine timing inspection, no discrepancies noted on inspection, work performed IAW T C M MM section 12 (15) Removed and replaced induction air filter with new, P/N BA-24 IAW cirrus mm chapter 71-60 (16) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T C M MM section 5 (17) Performed fuel pressure setups IAW T C M SID 97-3E (58) Removed drain hose from oil pan quick drain and re safely wired quick drain All work done IAW standard maintenance practices (103) I certify that this engine has been inspected in accordance with a Annual/100 HR inspection and was determined to be in airworthy condition

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: 11/5/2008

SIGNED: *Dave Ruuskanen*
Dave Ruuskanen
Certified Repair Station No. YD5R855Y

Work Order: 12212-10-2008
Printed by EBis 3 (datcomedia.com)

Date: 4/16/2009; Aircraft: N717PG; Type: SR22; S/N: 1711; Hobbs: 573.60; Total Time: ***Engine Work*** ID 4632

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak check good.

Doug Seibel
A&P389765035 IA *Doug Seibel A389765035*

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 9/03/2009; Aircraft: N717PG; Type: SR22; S/N: 1711; Hobbs: 625.7
Engine Work ID 5034

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Replaced #5 cylinder intake gasket p/n 649950 with new. Straighten intake pipe. Ground run for ops and leak check good.

Doug Seibel
A&P389765035 IA *Doug Seibel A389765035*

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Br Date: 12/10/2009; Aircraft: N717PG; Type: SR22; S/N: 1711; Hobbs: 642.5; Total Time: 642.5; Engine - Type: IO-550N27, S/N: 688948, Time: 642.5; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 642.5
 Engine Work
 Completed an Annual inspection in accordance with FAR 43, Appendix D.
 Complied with SB 2x-24-08 by visually inspecting alternator main wire, relocating main wire using kit # 70131-001. Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 080M Aeroshell. Compression test as follows: #1) 72/80, #2) 72/80, #3) 76/80, #4) 74/80, #5) 74/80, #6) 72/80. Cleaned, gapped and tested spark plugs. Replaced two ea spark plugs p/n RHB32S with new. Checked mag to engine timing. Checked engine control travels and lubricated. Removed #4 cylinder, p/n 655932A3, s/n 010405 and installed #4 cylinder, p/n 655932A4, s/n AC09GA725, after new by Teledyne Continental Motors, CRS# DMIR-511010-CE, WO# 124129, dated 12/3/09. Removed, cleaned and reinstalled #3 and #4 cylinder fuel injectors with new washers and orings. Replaced fuel flow, tach, and manifold pressure connectors p/n 50164-001 with new. Replaced #1 alternator gasket p/n 653981 with new. Ground run for ops and leak check good.
 I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
 Doug Seibel
 A&P389765035 IA *Doug Seibel* IA389765035

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 1/14/2011; Aircraft: N717PG; Type: SR22; S/N: 1711; Hobbs: 700.9; Total Time: 700.9; Engine - Type: IO-550N27, S/N: 688948, Time: 700.9; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 700.9
 Engine Work


Completed an Annual inspection in accordance with FAR 43, Appendix D.
 AD 10-11-04 (6/16/10) Hydraulic Valve Lifters not applicable due to engine mfg year and no lifter work performed during dates specified in AD. Compression test as follows: #1) 62/80, #2) 64/80, #3) 70/80, #4) 70/80, #5) 72/80, #6) 65/80. Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak check good. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Replaced #3 cylinder intake gasket 649950, and resealed fuel injector. Replaced #5 cylinder intake gasket 649950, and resealed fuel injector. Performed ground run with 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.
 Kevin K. Fenske
 A&P2886592 IA *Kevin K. Fenske* IA2886592

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

REG#	N717PG	 LAKESHORE AVIATION MANITOWOC COUNTY AIRPORT 1815 FREEDOM WAY MANITOWOC, WI 54220 (920)-682-0043	DATE	9/28/2011
			HOBBS	746

CHANGED ENGINE OIL AND FILTER. SERVICED THE ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND AN AA48108 FILTER. CUT OPEN THE OLD FILTER AND INSPECTED IT FOR METAL PARTICLES- NONE NOTED AT THIS TIME. RUN UP AND LEAK CHECK OKAY.


JEREMY TROUSIL *Jeremy Trousil* A&P 391849627 IA

Date	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.	

Brought Forward →

Date: 2/07/2012; Aircraft: N717PG, Type: SR22; S/N: 1711; Hobbs: 772.6; Total Time: 772.6; Engine - Type: IO-550N27, S/N: 688948, Time: 772.6; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 772.6
 *** Engine Work ***
 Completed an Annual Inspection in accordance with FAR 43, Appendix D.
 AD 11-25-51(12/28/11) Starter Adapter Shaft. Gear inspection is not applicable by engine not turbocharged.
 Complied with Cirrus SB 2X-74-01 (11/15/11) Fine wire spark plug replacement by replacing spark plugs p/n RHB32E with new.
 Changed oil and filter CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Compression test as follows: #1) 70/80, #2) 70/80, #3) 70/80, #4) 72/80, #5) 70/80, #6) 66/80.
 Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Complied with 300 hr fuel injector nozzle cleaning. Replaced #1 fuel injector line p/n 646421 with new.
 Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground runs for operational and leak checks good.
 I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Doug Seibel
 A&P 389765035 IA

Doug Seibel IA 389765035


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 Madison, WI 53704
 608-268-5003

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 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 9/10/2012; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 826.6; Total Time: 826.6
 *** Engine Work ***
 Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Aeroshell 15w50. Ground run for operational and leak checked good.

Dan Stammen
 A&P 2636878 IA

Dan Stammen IA 2636878 IA



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 3606 Corben Court
 Madison, WI 53704
 608-268-5003

Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 3/20/2013; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 837.9; Total Time: 837.9
 *** Engine Work ***
 Removed engine m/n IO-550-N27, s/n 688948 for inspection / repair. ETT: 837.9, ETSO: New.

Steve Veum
 A&P 392624502 IA

Steve Veum IA 392624502



Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003

Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Engine Service and Maintenance Record
 Installations, Inspections, Airworthiness Directives, Special Inspections,
 Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		Description	Part Number	Quantity	Unit
	Hrs.	Min.	Hrs.	Min.				
	Brought Forward							
MANUFACTURER: Continental ENGINE MOD: IO-51, COMP#								
AD #	DESCRIPTION			COMP#				
86-13-04 R3	TCM cylinders			N/A b				
88-03-06	TCM oil filter			N/A b				
91-19-03	oil filter			N/A b				
93-10-02	TCM cylinders			C/W I				
96-12-22	oil filter adapter			N/A b				
99-19-01	crankshaft			N/A b				
00-23-21	crankshaft			N/A b				
#04-08-10	ECI cylinders			N/A b				
07-16-10	turbocharger			N/A b				
09-16-03	Superior cylinders			N/A b				
10-11-04	TCM lifters			N/A b				
12-03-06	Fuel Servo Diaphragm			N/A b				
12-10-13	Starter Adapter			N/A b				

Poplar Grove Airmotive, Inc.
 Shop Orders - Inventory Summary
 For Shop Order 5422

Shop Order #	Part Number	Description	Quantity	Unit
405/2013	AB-257921	Seal	1.00	Each
405/2013	AB-281213	Seal	1.00	Each
405/2013	AB-2-280	Sealring	1.00	Each
405/2013	AB-41380	Sealring	1.00	Each
405/2013	AB-10384	Sealring	1.00	Each
405/2013	AB-10384-2	Sealring	1.00	Each
405/2013	AB-10384-3	Sealring	1.00	Each
405/2013	AB-10384-4	Sealring	1.00	Each
405/2013	AB-10384-5	Sealring	1.00	Each
405/2013	AB-10384-6	Sealring	1.00	Each
405/2013	AB-10384-7	Sealring	1.00	Each
405/2013	AB-10384-8	Sealring	1.00	Each
405/2013	AB-10384-9	Sealring	1.00	Each
405/2013	AB-10384-10	Sealring	1.00	Each
405/2013	AB-10384-11	Sealring	1.00	Each
405/2013	AB-10384-12	Sealring	1.00	Each
405/2013	AB-10384-13	Sealring	1.00	Each
405/2013	AB-10384-14	Sealring	1.00	Each
405/2013	AB-10384-15	Sealring	1.00	Each
405/2013	AB-10384-16	Sealring	1.00	Each
405/2013	AB-10384-17	Sealring	1.00	Each
405/2013	AB-10384-18	Sealring	1.00	Each
405/2013	AB-10384-19	Sealring	1.00	Each
405/2013	AB-10384-20	Sealring	1.00	Each
405/2013	AB-10384-21	Sealring	1.00	Each
405/2013	AB-10384-22	Sealring	1.00	Each
405/2013	AB-10384-23	Sealring	1.00	Each
405/2013	AB-10384-24	Sealring	1.00	Each
405/2013	AB-10384-25	Sealring	1.00	Each
405/2013	AB-10384-26	Sealring	1.00	Each
405/2013	AB-10384-27	Sealring	1.00	Each
405/2013	AB-10384-28	Sealring	1.00	Each
405/2013	AB-10384-29	Sealring	1.00	Each
405/2013	AB-10384-30	Sealring	1.00	Each
405/2013	AB-10384-31	Sealring	1.00	Each
405/2013	AB-10384-32	Sealring	1.00	Each
405/2013	AB-10384-33	Sealring	1.00	Each
405/2013	AB-10384-34	Sealring	1.00	Each
405/2013	AB-10384-35	Sealring	1.00	Each
405/2013	AB-10384-36	Sealring	1.00	Each
405/2013	AB-10384-37	Sealring	1.00	Each
405/2013	AB-10384-38	Sealring	1.00	Each
405/2013	AB-10384-39	Sealring	1.00	Each
405/2013	AB-10384-40	Sealring	1.00	Each

Poplar Grove Airmotive, Inc.
 FAA Approved Repair Station # YYBR664L David Mason

MAKE Continental **MODEL** IO-550-N **S/N** 688948
Total Time 837.9 **Hours Time Since Major Overhaul** ZERO **Hours**

This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual X30568A. New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this logbook.

Installed cam/lifter kit P/N EQ7003, S/N 156023 new from Continental Motors. Installed (6) cylinder kits P/N 658178A2 new from Continental Motors. Installed magnetos left, P/N 10-500556-1, S/N D05JA074, and right, P/N 10-500556-1, S/N D05JA071 overhauled by Poplar Grove Airmotive. Supplied fuel injection service kit, P/N R-649053A5-12 rebuilt by Continental Motors. Installed oil cooler, P/N 654585, S/N E07-5672-262 overhauled by Pacific Oil Cooler Service. Supplied starter, P/N C24ST5, S/N 4C5-051309 new from Skytech. See attached A.D. Compliance Record and Parts List for more details. —END—

All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:

Work Order # 5422 **Date** 5/2/2013

Poplar Grove Airmotive, Inc.
 FAA Approved Repair Station #YYBR664L David Mason *[Signature]*
 Signed for Poplar Grove Airmotive, Inc.

FAA - PMA

This tag certifies that Sky-Tec Model No. **C24ST5**
 Serial No. **4C5-051309** was manufactured new on 07 Feb 2013
 by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
 No. 6 per CFR14 Part 21 in accordance with Sky-Tec's
 FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
 conforms to the relevant FAA-approved drawings. This part has been
 determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Starter Installed on N 717PG by *[Signature]*
 (Aircraft) (Mechanic)

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward				

Date: 5/16/2013; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 0.2; Total Time: 840.1; Engine - Type: IO-550-N, S/N: 688948, Time: 840.1; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 840.1
*****Engine Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 AD 12-03-06 (2/24/12) AvStar Fuel System fuel servo diaphragm inspection is not applicable by fuel injection model not affected. AD 12-10-13 (6/8/12) Starter Adapter Shaft Gear inspection is not applicable by Non Turbo STC engine.

Removed engine, m/n IO-550-N, s/n 688948 and installed engine, m/n IO-550-N, s/n 688948, after overhaul by Poplar Grove Airmotive, Inc, CRS# YYBR664L, WO# 5422, dated 5/2/13. Re-installed fuel hoses after duplication by Aviall Services Inc dated 4/8/2013. New or overhauled components supplied with engine: Magnetos, fuel injection kit, oil cooler and starter. Reference Entry by Poplar Grove dated 5/2/2013 for details.

Replaced air filter attach pin p/n 14626-002 with new. Removed, weld repaired and re-installed air filter cover. Removed, cleaned, tested and re-installed fuel injection nozzles. Replaced alt air bracket p/n 18293-001 with new. Replaced alt air scat from baffle to air box p/n scat-10 with new. Remove engine baffle behind alternator #1 and trim and fit as necessary. Fabricated and installed sheet metal patch to baffle over cylinder #5. Checked engine control travels and lubricated. Ground run for operational and leak checks good. Performed successful test flight with no defects noted.

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

Bobby Wangler *Bobby Wangler AP2702325 IA*
 A&P 2702325 IA

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 5/29/2013; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 17.1; Total Time: 857.0
 Hobbs: 860.8 Flight Hobbs: 17.1
*****Engine Work*****

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Phillips 20W50 mineral. Ground run for operational and leak checks good.

Dan Stammen *Dan Stammen 2636878 IA*
 A&P 2636878 IA

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 7/03/2013; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 44.3; Total Time: 884.2
 Hobbs: 893.2 Flight Hobbs: 44.3
*****Engine Work*****

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. Shell 15W50. Ground run for operational and leak checks good.

Bobby Wangler *Bobby Wangler AP2702325 IA*
 A&P 2702325 IA

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date	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.	
Brought Forward →					

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
Oct. 10, 2013	74.6	Continental IO-550-N	N717PG	688948	930.6	914.5

Changed oil and filter with 8 quarts Aeroshell 15W50 and Champion oil filter CH48108-1. Cut oil filter open and inspected for metal, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.



Corey Marschke A&P 2716624

POWER PLAN

DATE	FLT HOBBS	MAKE/MODEL	N-
March 4, 2014	99.7	Continental IO-550-N	

Changed oil and filter with 8 quarts Phillips 20W50 sample, add ASL Camguard oil additive at a ratio of 1 metal, none noted at this time. Ground ran engine for



Corey Marschke

POWER PLANT

DATE	FLT HOBBS	MAKE/MODEL	N-NUM
April 14, 2014	126.0	Continental IO-550-N	N71

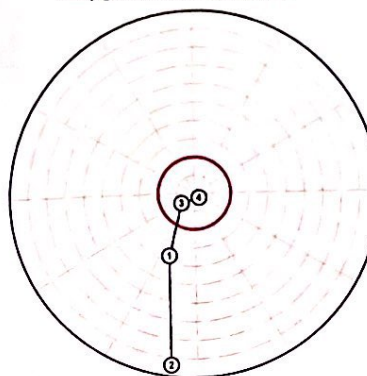
Changed oil and filter with 8 quarts Phillips 20W50X sample, add ASL Camguard oil additive at a ratio of 1 metal, none noted at this time. Ground ran engine for



Corey Marschke A&P 2716624

ENG/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #115 and Chadwick Helmuth doc AV 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev 00 1 July 2003. Initial IPS of 366 @ 2559 rpm reduced to 036 IPS @ 2561 rpm by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 - Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N717PG Cirrus SR 22 G2 1711 998.9 Hrs
Cont/Hart 688948

Front
MicroVib II SN:1173 Cal:04/29/2014
Initial: 0.366 IN/S @ 2559.4 RPM Final: 0.036 IN/S @ 2561.1 RPM

Oper:
Date: 05/28/2014 Jim Barker A&P 2755069

Date: 6/13/2014; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 134.0; Total Time: 973.9; Engine - Type: IO-550-N, S/N: 688948, Time: 973.9; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 973.9
ETSO: 133.8 PTSO: 133.8

*****Engine Work*****

Completed an Annual inspection in accordance with FAR 43, Appendix D.
AD 14-05-29 (4/25/14) Superior Air Parts Cast Cylinders is not applicable by affected cylinders are not installed.
Cirrus SA 13-03 (4/29/13) Throttle and Mixture Control Levers with regards to Continental Motors CSB 08-3B not applicable per installation of newer stainless steel type control levers.

Compression test as follows: #1) 74/80, #2) 72/80, #3) 74/80, #4) 75/80, #5) 76/80, #6) 76/80. Master Orifice of the day 46/80. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Replaced engine oil vernatherm p/n 657496 with new. Ground run for operational and leak check good.

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

Dan Stammen
A&P 2636878 IA


Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Fo				
Date: 9/05/2014; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 150.0; Total Time: 989.9				
Hobbs: 1023.9 Flight Hobbs: 150.0				
Engine Work				
Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 7 qts. Phillips 20W50 & 1 pt. of CamGuard. Removed oil cooler, p/n 654585, s/n E07-5672-262 and installed oil cooler, p/n 654585, s/n E07-5672-262, after Overhaul by Pacific Oil Cooler Service, Inc., CRS# RF3R813L, WO# 103006, dated 9/4/2014. Ground run for operational and leak checks good.				
Dan Stammen A&P 2636878 IA <i>Da # 2636878 IA</i>				
<input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003				
			<input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567	

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
Sept. 30, 2014	153.6	Continental IO-550-N	N717PG	688948	1028.2	1050.4 993.5

Removed #3 cylinder spark plugs, cleaned, gapped, check ohm, all found airworthy, performed compression check on #3 cylinder, results were 74/80 (cold) completed bore scope and all findings were normal. Removed #3 intake tube and inspected, removed #3 cylinder fuel injector, cleaned and clear blockage, reinstalled intake tube with new gasket, reinstalled fuel injector to proper torque, installed #3 cylinder spark plugs, ground ran engine for operational check of #3 cylinder temps, all found to be running in normal ranges.



Corey Marschke A&P 2716624 *Corey Marschke*

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
						1061.5 985.5

1. Approving Civil Aviation Authority/Country: FAA/United States	<h3 style="margin: 0;">AUTHORIZED RELEASE</h3> <p style="margin: 0;">FAA FORM 8130-3, AIRWORTHINESS A</p>
---	---

4. Organization Name and Address Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615	er CRS# 2367 see atherm, ground
---	---------------------------------------

6. Item:	7. Description	8. Part Number:
1	VERNATHERM VALVE ASM	657496

12. Remarks: AIRWORTHINESS APPROVAL	
Serial/Batch Number(s): Serial: 2367 Description: VERNATHERM VA	

Engine Service and Maintenance Record

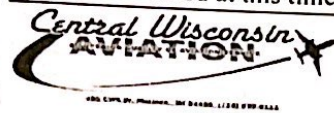
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
Feb. 23, 2015	175.3	Continental IO-550-N	N717PG	688948	1056.1	999.2

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48108-1, took oil sample, add ASL Camguard oil additive at a ratio of 1.6 oz. per quart. Cut oil filter open and inspected for metal, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.



Corey Marschke A&P 2716624 *Corey Marschke*

Date: 6/24/2015; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 202.6; Total Time: 1042.5; Engine - Type: IO-550-N, S/N: 688948, Time: 1042.5; Prop - Type: PHC-J3YF-1RF, S/N: FP4200B, Time: 1042.5
 Hobbs: 1088.1 Flight Hobbs: 202.6
 *** Engine Work *** ETSO: 202.6

Completed an Annual inspection in accordance with FAR 43, Appendix D.
 Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with 8 qts. SL20W50 PHILLIPS X/C and 1 pint of CamGuard.
 Compression test as follows: #1) 72/80, #2) 74/80, #3) 74/80, #4) 76/80, #5) 72/80, #6) 70/80. Master Orifice of the day 46/80. Replaced induction air filter p/n BA-24 with new. Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Checked engine control travels and lubricated. Ground run for operational and leak checks good.

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

Doug Seibel
 A&P389765035 IA *Doug Seibel IA 389765035*

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003

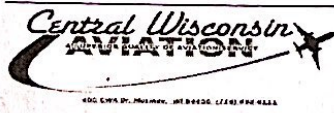


Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
Sept. 10, 2015	228.0	Continental IO-550-N	N717PG	688948	1118.6	1061.7

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48108-1, took oil sample, add ASL Camguard oil additive at a ratio of 1.6 oz. per quart. Cut oil filter open and inspected for metal, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.



Corey Marschke A&P 2716624 *Corey Marschke*

Date: 2/10/2016; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Total Time: 1089.8
 Hobbs: 1143.7 Flight Hobbs: 249.9
 *** Engine Work ***

Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted, serviced engine with Camguard and 7 qts. 20W50 Phillips XC. Ground run for operational and leak checks good.

Benjamin J. Pitterle
 A&P390747277 IA

Benjamin J. Pitterle IA 390747277

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 Madison, WI 53704
 608-268-5003



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 Watertown, WI 53094
 920-261-4567

Date	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.	

ENGINE LOG ENTRY						
DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	TT
February 18, 2016	251.7	Cirrus SR22	N717PG	688948	1146.1	1092.2

****ENGINE WORK****
 Replace #5 Cylinder TCM tuned Fuel Injection Nozzle P/N 657068-5236 in accordance with TCM IO550-N Maintenance Manual. Ground operational and leak check satisfactory. Work was accomplished I.A.W current regulation and technical data and found to be in a airworthy condition for work accomplished.



Scott Swieciak AP3687187IA

Date: 4/11/2016; Aircraft: N717PG; Type: CIRRUS SR22; S/N: 1711; Hobbs: 278.3; Total Time: 1118.2
 Hobbs: 1173.7 Flight Hobbs: 278.3
 *** Engine Work ***
 Changed oil and filter p/n CH48108-1; took sample; cut filter, no metal noted, serviced engine with Camguard and 7 qts. 20W50 Phillips XC. Ground run for operational and leak checks good.
 Dan Stammen
 A&P 2636878 IA

Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

POWER PLANT LOG ENTRY						
DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
June 3, 2016	286.8	Continental IO-550-N	N717PG	688948	1186.1	1129.2

Cleaned connection for the #5 CHT probe. Changed #3 cylinder EGT probe part number 16579-002. Ground operational check good. Aircraft approved return to service for work accomplished.



Scott Swieciak AP3687187

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		Flight Hrs	Hobbs Hrs
	Hrs.	Min.	Hrs.	Min.		
Brought In						
June 23, 2016						
N717PG	CIRRUS SR22		S/N 1711		FLIGHT 288.0 Hrs	Hobbs 1187.9 Hrs
CONTINENTAL	IO 550 N27		S/N 688948			
HARTZELL	PHC-J3YF-1RF		S/N FP4200B			
<p>Performed ground run. Removed cowling. Performed compression test - #1 73, #2 71, #3 70, #4 71, #5 71, #6 74 - M/O 42. Borescope inspection found satisfactory. Removed spark plugs; gap checked and resistance checked; cleaned lead spring contacts; anti-seized, and reinstalled. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter p/n AA48109 and serviced with 7 quarts of Phillips 20W50XC and dose of Camguard. Removed and replaced air filter with p/n BA 24. Removed and cleaned gascolator; checked lines for security; reinstalled. Lubricated throttle, prop control rods, and mixture rods. Adjusted magneto-to-engine timing from left @ 22.3° and from right 20.1° of nominal of 22° BTDC to both at 22° BTDC. Engine-driven/electric fuel pump leak check found satisfactory. Checked alternate air door; found satisfactory. Installed cylinder air baffles in correct positions. Installed alternator to engine case ground wire per SB 2X-24-06. Adjusted low fuel pressure idle rpm and idle mixture. Performed ground run and leak check; found satisfactory. Reinstalled cowling.</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p> <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>						
July 1, 2016						
N717PG	CIRRUS SR22		S/N 1711		FLIGHT 292.4 Hrs	Hobbs 1193.8 Hrs
CONTINENTAL	IO 550 N27		S/N 688948			
HARTZELL	PHC-J3YF-1RF		S/N FP4200B			
<p>Removed spinner, top cowl and right side lower cowl. Polished spinner and installed with new hardware. Re-terminated #5 CHT probe connector with ring terminals, lock washers and AN hardware with environmental heat shrink, installed in original fiberglass sleeve. Installed cowling. Performed ground run; found satisfactory.</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p> <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>						
September 20, 2016						
N717PG	CIRRUS SR22 G2		S/N 1711		FLIGHT 310.4 Hrs	Hobbs 1218.8 Hrs
CONTINENTAL	IO 550 N27		S/N 688948		FLIGHT 310.4 Hrs	Hobbs 1218.8 Hrs
HARTZELL	PHC-J3YF-1RF		S/N FP4200B		FLIGHT 310.4 Hrs	Hobbs 1218.8 Hrs
<p>Removed Cowling, drained oil, sample taken for Blackstone, removed filter and examined for contamination, none found. Installed new Tempest filter P/N AA48109, 7 quarts Phillips 20W50XC oil and full camguard dose. Ground run performed, no leaks noted. Reinstalled cowling.</p> <p>THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822-5787 Cell (715) 491-1303 Email jim@aviationvibes.com</p> <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>						

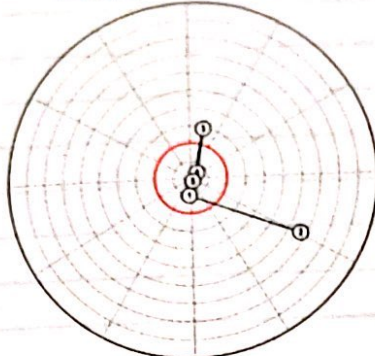
Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward				

ENGINE/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments
 Performed a dynamic propeller balance using FAA Approved C-2000 balance. Initial rpm of 2564 rpm reduced to 223 rpm @ 2568 rpm by installation of A44 hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N717PG Cirrus SR 22 1234 310.4 Hrs
 Cont/Hart 917470

Front
 MicroVib II SN:1177 Cal:03/03/2016
 Initial: 0.100 IN/S @ 2564.5 RPM Final: 0.023 IN/S @ 2567.7 RPM

Oper: *[Signature]*
 Date: 09/20/2016 Jim Barker A&P 2755069

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	ETT
Oct. 19, 2016	316.1	Continental IO-550-N	N717PG	688948	1226.1	---

Removed #3 intake tube, removed #3 cylinder fuel injector, installed new tuned fuel injector p/n: 657068-3239, installation completed using new o-ring p/n: 630979-9 and copper washer p/n: X1473, installed fuel injector to proper torque per TCM MM, applied torque seal to line at divider and injector, reinstalled intake tube with new gasket, performed a post installation leak checked, ground ran engine for operational check of #3 cylinder temps, all found to be running in normal ranges and to be in airworthy condition.



Corey Marschke A&P 2716624

[Signature]

December 30, 2016

N717PG CIRRUS SR22 G2 S/N 1711 FLIGHT 339.5 Hrs Hobbs 1255.4 Hrs
 CONTINENTAL IO 550 N27 S/N 688948 FLIGHT 339.5 Hrs Hobbs 1255.4 Hrs
 HARTZELL PHC-J3YF-1RF S/N FP4200B FLIGHT 339.5 Hrs Hobbs 1255.4 Hrs

Removed Cowling, drained oil, sample taken for Blackstone, removed filter and examined for contamination, none found. Installed new Tempest filter P/N AA48109, 7 quarts Phillips 20W50XC oil and full camguard dose. Adjusted tire pressure – nose 81.1 PSI, right 85.5 PSI, left 85.4 PSI. Ground run performed, no leaks noted. Reinstalled cowling.

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

OTIENO ODUOR A&P/IA 3265490

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Cell (715) 491 1303

Email otieno@aviationvibes.com

[Signature]

AVIATION RESOURCES, LLC

101 Airport Ave, Hangar #7

Cumberland, WI 54829

www.aviationvibes.com

Date	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.		

Brought Forward →

April 19, 2017
N717PG **CIRRUS SR22 G2** S/N 1711 **FLIGHT 367.1 Hrs** **Hobbs 1288.9 Hrs**
CONTINENTAL **IO 550 N27** S/N 688948 **FLIGHT 367.1 Hrs** **Hobbs 1288.9 Hrs**
HARTZELL **PHC-J3YF-1RF** S/N FP4200B **FLIGHT 367.1 Hrs** **Hobbs 1288.9 Hrs**

Removed cowling, drained oil, sample taken for Blackstone, removed filter and examined for contamination, none found. Installed new Tempest filter p/n AA48109, 7 quarts Phillips 20W50XC oil and 1/3 dose of camguard. Cleaned contacts on oil pressure sender. Ground run performed, no leaks noted. Reinstalled cowling. (Refer to job #717PG11 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069
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 Email jim@aviationvibes.com

AVIATION RESOURCES, LLC
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 Cumberland, WI 54829
 www.aviationvibes.com

July 27, 2017
N717PG **CIRRUS SR22** S/N 1711 **Flight 387.0 Hrs** **Hobbs 1315.4 Hrs**
Continental **IO 550-N27** S/N 688948 **Flight 387.0 Hrs** **Hobbs 1315.4 Hrs**
Hartzell **PHC-J3YF-1RF** S/N FP4200B **Flight 387.0 Hrs** **Hobbs 1315.4 Hrs**

Performed ground run. Removed cowling. Performed compression test - #1 64/80, #2 72/80, #3 72/80, #4 73/80, #5 69/80, and #6 71/80 - M/O 42/80. Borescope inspection found satisfactory. Removed spark plugs; gap checked and resistance checked; cleaned lead spring contacts; anti-seized, and reinstalled. Removed and cleaned magnetic drain plug, found normal debris. Drained oil; took oil sample and routed to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N: AA48109 and serviced with 7 quarts of Phillips 20W50XC oil and dose of Camguard. Removed and replaced air filter with P/N: BA24. Lubricated throttle, prop control rods, and mixture rods. Installed electronic ignition, IAW STC SA03286CH, on LEFT side. RIGHT mag adjusted to 22° BTDC. Engine-driven/electric fuel pump leak check found satisfactory. Checked alternate air door; found satisfactory. Checked oil breather tube and relief hole; found satisfactory. Performed a dynamic propeller balance. Initial IP/s .143 @ 2560 rpm reduced to 0.014 IP/s @ 2560 rpm by adding corrective weights on spinner rear bulkhead. Replaced left muffler with new; P/N: 14836-001. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job# 717PG9 for details)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

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AVIATION RESOURCES, LLC
 101 Airport Ave, Hangar #7
 Cumberland, WI 54829
 www.aviationvibes.com

September 11, 2017
N717PG **CIRRUS SR22** S/N 1711 **Flight 410.6 Hrs** **Hobbs 1346.3 Hrs**
Continental **IO 550-N27** S/N 688948 **Flight 410.6 Hrs** **Hobbs 1346.3 Hrs**
Hartzell **PHC-J3YF-1RF** S/N FP4200B **Flight 410.6 Hrs** **Hobbs 1346.3 Hrs**

Removed cowling, drained oil, sample taken for Blackstone (provided by pilot), removed filter and examined for contamination, none found. Installed new Tempest filter P/N: AA48109 and 7 quarts Phillips 20W50XC oil and 1/3 dose of camguard. Installed cowling. Ground run performed, removed top cowling, no leaks noted, installed top cowling (refer to Job#: 717PG12 for details).

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069
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Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

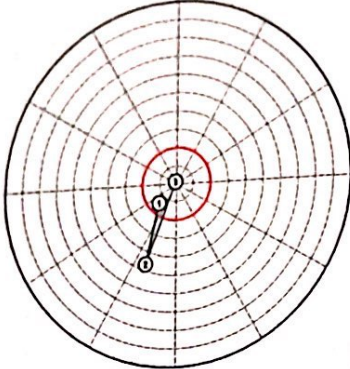
Hrs.

Min.

Brought Forward →

ENG/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments

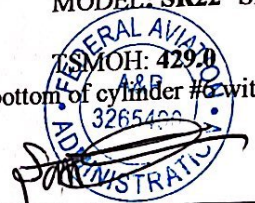
Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148, rev B dated Feb 07, 1992 and Chadwick Helmuth document AW 0511-2 dated 12 June 1990 using DSB MicroVib II equipment and application note AN-AN2 Prop Rev. 00 1 July 2003. Initial IPS of .143 @ 2562 rpm reduced to .014 IPS @ 2542 rpm by the removal of existing balance weights and addition of AN hardware on spinner rear bulkhead.
Aviation Resources 101 Airport Ave
Hangar 7 Cumberland, WI 54829
Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com
www.aviationvibes.com

N717PG Cirrus SR 22 1711 387.0 Hrs
Cont/Hart 688948
Front of engine
MicroVib II SN:1177 Cal:03/10/2017
Initial: 0.143 IN/S @ 2562.3 RPM Final: 0.014 IN/S @ 2556.2 RPM

Oper:
Date:07/25/2017

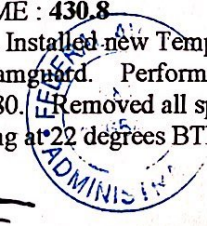
Otieno Oduor A&P 3265490

REG: N717PG MAKE: CIRRUS MODEL: SR22 SN: 1711
DATE: February 2nd 2018 Hobbs: 1369.7
Engine: IO-550N SN:
Accessed the engine compartment and replaced sparkplug at the bottom of cylinder #6 with a new plug PN URHB 32E. Engine run up and test flight was satisfactory.
Otieno Oduor A&P 3265490 IA



REG: N717PG MAKE: CIRRUS MODEL: SR22
L/ENGINE: CMI IO-550N SN:688948
Accessed the engine, drained oil, removed filter and cut open for inspection. No FOD noted. Installed new Tempest oil filter PN AA48109 and serviced engine with 7 qts of Phillips XC 20W50 and a dose of camgard. Performed compression test : 1) 68/80 2) 68/80 3)67/80 4) 68/80 5) 72/80 6) 65/80 M.O 45/80. Removed all spark plugs and inspected, re-gapped then reinstalled. Adjusted the right magneto to engine timing at 22 degrees BTDC
Ground run performed and no leaks detected
Otieno Oduor A&P 3265490 IA
Tel 715-205-9380

DATE: February 5th, 2018
HOBBS: 1372.0
SN: 1711
FLIGHT TIME : 430.8



REG: N717PG MAKE: CIRRUS MODEL: SR22 SN: 1711
DATE: February 26th 2018 Hobbs:1376.1 ENG TSOH: 433.9
Engine: IO-550N ENG SN 688948
Accessed the Engine compartment and removed magneto PN 10-500556-1, SN D05JA074 at LEFT position and installed a 500h inspected magneto of same PN and SN D05JA071. Timed the magneto to the Engine at 22 degrees BTDC. Removed Skytec Starter motor PN C24ST5, SN 4C5-051309 and replaced with a new Tempest Starter PN PL13484, SN 1702003. Updated Weight and Balance record due to differences in Starter motors. Adjusted idle mixture to attain 30RPM rise. Engine run-up was satisfactory. This aircraft has been released for return to service.

AeroQualite Maintenance
www.aeroqualitemaintenance.com
(715) 205 9380

Otieno Oduor A&P 3265490 IA



Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

March 29, 2018

N717PG CIRRUS S/N 1711 FLIGHT 452.9 Hrs Hobbs 1400.0 Hrs
 Continental IO-550 N 27 S/N 689948 FLIGHT 452.9 Hrs Hobbs 1400.0 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B FLIGHT 452.9 Hrs Hobbs 1400.0 Hrs

Removed cowling. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N AA48109 and serviced with 7 quarts of 20W50XC oil and dose of Camguard. Adjusted magneto-to-engine timing from right only @ +1.5° of nominal of 22° BTDC to 22° BTDC. Performed ground run and leak check; found satisfactory. Installed cowling. (Refer to Job #717PG15 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

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June 18, 2018

N717PG CIRRUS S/N 1711 FLIGHT 474.4 Hrs Hobbs 1427.6 Hrs
 Continental IO-550 N 27 S/N 689948 FLIGHT 474.4 Hrs Hobbs 1427.6 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B FLIGHT 474.4 Hrs Hobbs 1427.6 Hrs

Removed cowling, drained oil, sample taken for Blackstone, removed filter and examined for contamination, none found. Installed new Tempest filter P/N AA48109, serviced with 7 quarts 20W50XC oil and dose of Camguard. Disconnected #3 CHT, cleaned connector and reinstalled probe. Installed cowling. Ground run performed, removed top cowling, no leaks noted, installed top cowling. (Refer to Job #717PG17 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

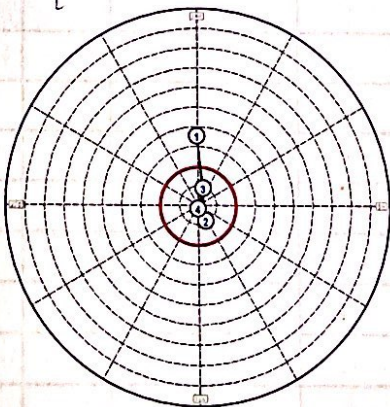
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ENGINE/PROP/FRONT DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148, rev B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .354 @ 2607 rpm reduced to .017 IPS @ 2565 rpm by the removal of existing balance weights and addition of AN hardware on spinner rear bulkhead.
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N717PG Cirrus SR 22 1711 484.9 Hrs
 IO 550 N 699948
 Front of engine
 MicroVib II SN:1177 Cal:03/21/2018
 Initial: 0.354 IN/S @ 2606.6 RPM Final: 0.018 IN/S @ 2564.7 RPM

Oper: _____
 Date: 08/07/2018

Jim Barker

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

August 13, 2018

N717PG CIRRUS S/N 1711 FLIGHT 484.9 Hrs Hobbs 1441.6 Hrs
 Continental IO-550 N 27 S/N 689948 FLIGHT 484.9 Hrs Hobbs 1441.6 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B FLIGHT 484.9 Hrs Hobbs 1441.6 Hrs

Performed ground run. Removed cowling. Performed compression test - #1 70/80, #2 67/80, #3 69/80, #4 70/80, #5 72/80, and #6 72/80 - M/O 43/80. Borescope inspection found satisfactory. Removed spark plugs; gap checked and resistance checked; cleaned lead spring contacts; anti-seized, and reinstalled. Removed and cleaned magnetic drain plug, found normal debris. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N AA48109 and serviced with 7 quarts of 20X50XC oil and a full dose of Camguard. Removed and replaced air filter element with new P/N BA24. Removed prop governor relief valve and installed Teflon tape per McCauley service letter 1998-22A; reinstalled relief valve cap. Lubricated throttle, prop control rods, and mixture rods. Electronic ignition check found satisfactory. Adjusted magneto-to-engine timing from right @ +.3° of nominal of 22° BTDC to nominal of 22° BTDC. Removed engine driven fuel pump, S/N B13DA154R and sent to Great Planes Fuel Metering, Inc. for repair under their W/O#18-439. Reinstalled repaired fuel pump, S/N B13DA154R. Checked alternate air door; found satisfactory. Checked oil breather tube and relief hole; found satisfactory. Performed ground run, fuel pressure setup adjustments and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #717PG18 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.
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September 27, 2018

N717PG CIRRUS S/N 1711 Hobbs 1458.0 Hrs
 Continental IO-550 N 27 S/N 689948 TSOH 496.6 Hrs Hobbs 1458.0 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B Hobbs 1458.0 Hrs

Removed cowling. Re-terminated #6 CHT Probe with hardware and ring terminals. Replaced Airwolf oil drain hoses with new. Cleaned engine for leak check. Ground run and leak check found satisfactory. Installed cowling. (Refer to Job #717PG19 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

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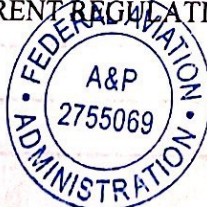
December 7, 2018

N717PG CIRRUS SR22 NA S/N 1711 Hobbs 1476.6Hrs
 Continental IO-550 N 27 S/N 689948 TSOH 511.9 Hrs Hobbs 1476.6 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B Hobbs 1476.6 Hrs

Removed cowling; drained oil, removed filter and examined for contamination, none found. Installed new Tempest filter P/N AA48109, 7 quarts 20W50XC oil and a 1/2 dose of Camguard. Ground run and leak check found satisfactory. Installed cowling. (Refer to Job #717PG20 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

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Date	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.	

Brought Forward →

June 19, 2019

N717PG CIRRUS SR22 NA S/N 1711 Hobbs 1533.7 Hrs
 Continental IO-550 N 27 S/N 689948 TSOH 558.4 Hrs Hobbs 1533.7 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B Hobbs 1533.7 Hrs

Removed cowling; drained oil, sample taken for analysis, removed top spark plugs, and filter; examined for contamination, none found. Installed new Tempest filter P/N AA48109 and safetied. Serviced with 8 quarts 20W50XC oil and a 1/2 dose of Camguard. Reinstalled spark plugs; ground run and leak check found satisfactory. Installed cowling. (Refer to Job #717PG23 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

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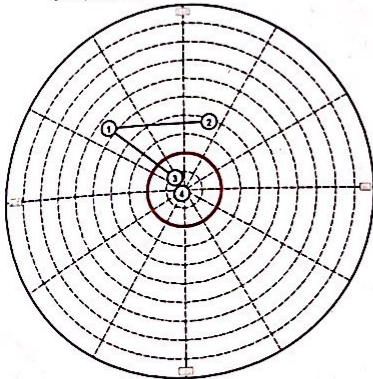


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ENGINE/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —

Operator Comments



Performed a dynamic propeller balance IAW FAA APPROVED Chadwick Helmut doc AW 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev 00 1 July 2003. Initial IPS of .542 @ 2550 rpm reduced to .023 IPS @ 2 rp572m by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com

N717PG Cirrus SR 22 1711 1566.2 Hrs
 Cont/Hart 689948
 Front of engine
 MicroVib II SN:1177 Cal:03/20/2019
 Initial: 0.542 IN/S @ 2549.8 RPM Final: 0.023 IN/S @ 2572.5 RPM

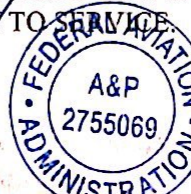
Oper: _____ Jim Barker
 Date: 08/31/2019

August 31, 2019
 N717PG CIRRUS SR22 NA S/N 1711 Hobbs 1566.2Hrs
 Continental IO-550 N 27 S/N 689948 TSOH 583.3 Hrs Hobbs 1566.2 Hrs
 Hartzell PHC-J3YF-1RF S/N FP4200B Hobbs 1566.2 Hrs

Performed ground run. Removed cowling. Performed compression test - #1 68/80, #2 68/80, #3 74/80, #4 67/80, #5 72/80, and #6 72/80 - M/O 43/80. Borescope inspection found satisfactory. Removed spark plugs; re-gapped; cleaned lead spring contacts; anti-seized, and reinstalled. Removed and cleaned magnetic drain plug, found normal debris. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no contamination noted. Installed new Tempest oil filter P/N AA48109 and serviced with 8 quarts of 20W50XC oil. Removed and replaced air filter element with new P/N BA24. Lubricated throttle, prop control rods, and mixture rods. Adjusted magneto-to-engine timing to 21° BTDC. Checked alternate air door; attached a piece of rubber between alternate air door and housing to fill gap. Checked oil breather tube and relief hole; found satisfactory. Installed reinforcement brace for left side rear engine baffle at Airwolf location. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #717PG24 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

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Engine Service and Maintenance Record
 Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	September 3, 2019			
	N717PG	CIRRUS SR22 NA	S/N 1711	Hobbs 1568.2 Hrs
	Continental	IO-550 N 27	S/N 689948	TSOH 583.7 Hrs
	Hartzell	PHC-J3YF-1RF	S/N FP4200B	Hobbs 1568.2Hrs

Removed cowling, turned out prop governor stop screw 1/4 turn to adjust RPM. Installed cowling. (Refer to Job #717PG24 for details.)

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N717PG	ENGINE LOG BOOK ENTRY						1/8/20
	Cirrus	SR22 NA	S/N 1711	Flight	605.9	Hobbs	1596.2
Continental	IO550N(27)	S/N 689948	TSOH	605.9	Hobbs	1596.2	
Hartzell	PHC-J3YF-1RF	S/N FP4200B	Flight	605.9	Hobbs	1596.2	

Removed cowling, drained oil, sample taken for analysis. Removed oil filter and examined internal element for contamination, none found. Installed new filter P/N AA48109 and 8 quarts 20W50XC oil, and a dose of Camguard. Ground run, and leak check found good. Installed cowling (Refer to Job #717PG26 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.

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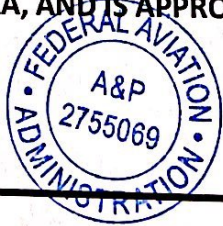
N717PG	ENGINE LOG BOOK ENTRY						4/27/20
	Cirrus	SR22 NA	S/N 1711	Flight	633.4	Hobbs	1626.1
Continental	IO550N(27)	S/N 689948	TSOH	633.4	Hobbs	1626.1	
Hartzell	PHC-J3YF-1RF	S/N FP4200B	Flight	633.4	Hobbs	1626.1	

Removed cowling, drained oil, sample taken for analysis. Removed top spark plugs. Removed oil filter and examined internal element for contamination, none found. Installed new filter P/N AA48109 and 8 quarts 20W50XC oil. Installed top spark plugs. Ground run, magneto and leak check found good. Installed cowling. (Refer to Job #717PG28 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.

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Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	SMOH
July 23, 2020	662.2	Continental IO-550-N	N717PG	688948	1659.6	662.2

Removed engine cowlings, drained engine oil and took oil sample midstream and sent out for analysis, serviced engine with 8 quarts Phillips 20W50X/C and took oil sample midstream and sent out for analysis, filter open and inspected for metal, none noted at this time, reinstalled engine cowlings. Ground ran engine for operation and leaks, all post maintenance operational checks were found airworthy for return to service.



Corey Marschke A&P 2716624 *Corey Marschke*

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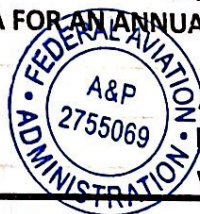
N717PG		ENGINE LOG BOOK ENTRY				8/24/20	
Cirrus	SR22	S/N 1711	Flight		Hobbs	1680.0	
Continental	IO 550 N 27	S/N 689948	TSOH	679.8	Hobbs	1680.0	
Hartzell	PHC-J3YF-1RF	S/N FP4200B	Flight		Hobbs	1680.0	

Performed ground run. Removed cowling. Performed compression test - #1 68, #2 66, #3 66, #4 70, #5 69, and checked; cleaned lead spring contacts; anti-seized, and reinstalled. Removed spark plugs; gap checked and resistance found normal debris. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; no 20W50XC oil. Removed and replaced air filter element with new P/N BA24. Lubricated throttle, prop control rods, and mixture rods. Checked timing on magnetos; found left (SureFly) @ 21°; found satisfactory; and found right (magneto) @ +0.4° of nominal of 23° BTDC; timed right mag to 23° BTDC. Performed Engine-driven/electric fuel pump leak check per Cirrus maintenance manual; found satisfactory. Checked alternate air door; found satisfactory. Checked oil breather tube and relief hole; found satisfactory. Removed and inspected #2 alternator lead and re-installed; no defect noted. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #717PG27 for details.)

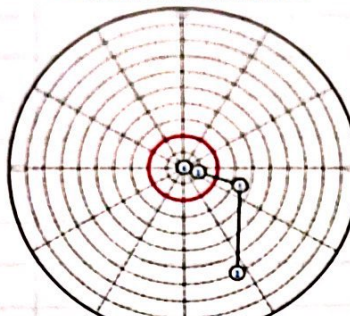
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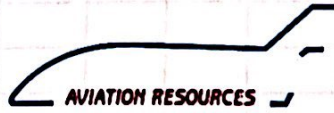
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Jim Barker



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Date	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.	
Brought Forward →					<p align="center">ENGINE/PROP DYNAMICALLY BALANCED</p> <p align="center">— POLAR PLOT - 1.8 IN/S FS —</p>  <p>Operator Comments Performed a dynamic propeller balance (use FAA Approved) on Cirrus SR22 NA engine with MicroVib II equipment and application note AA-ADP3 from Nov 03 1 July 2019 - Initial IN/S of 0.339 (2560) rpm reduced to 0.008 IN/S @ 2557 rpm by installation of AN hardware balance weights on propeller rear hubhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822-5787 Cell (715) 491-1303 jim@aviationvibes.com www.aviationvibes.com</p> <p>N717PG Cirrus SR22 G2 1711 707.3 Hrs IO 550 N Front of engine MicroVib II SN:1177 Cal:03/30/2020 Initial: 0.339 IN/S @ 2560.0 RPM Final: 0.008 IN/S @ 2557.7 RPM</p> <p>Oper: _____ Date: 11/02/2020 <i>Jim Barker</i> Jim Barker</p>

 AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829	N717PG ENGINE LOG BOOK ENTRY				11/4/20	
	Cirrus	SR22 NA	S/N 1711	Flight	Hobbs	1712.0
	Continental	IO550N(27)	S/N 689948	TSOH 707.3	Hobbs	1712.0
	Hartzell	PHC-J3YF-1RF	S/N FP4200B	Flight	Hobbs	1712.0

Removed cowling, drained oil, sample taken for analysis. Removed oil filter and examined internal element for contamination, none found. Installed new filter P/N AA48109 and 8 quarts of Phillips 20W50XC oil. Ground run, magneto check, and leak check found satisfactory. Installed cowling; landing light check found satisfactory. (Refer to Job #717PG30 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.

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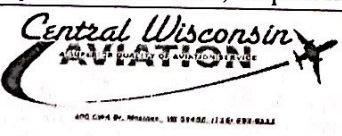


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POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL #	HOBBS	SMOH
Dec. 10, 2020	736.1	Continental IO-550-N	N717PG	688948	1741.6	736.1

Removed engine cowlings, drained engine oil and took oil sample midstream and sent out for analysis, serviced engine with 8 quarts Phillips 20W50X/C and Tempest oil filter AA48109-1, cut removed oil filter open and inspected for metal, none noted at this time, reinstalled engine cowlings. Ground ran engine for operation and leaks, all post maintenance operational checks were found airworthy for return to service.



Corey Marschke A&P 2716624 *Corey Marschke*