

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors
FAA PRODUCTION CERTIFICATE NO. 508

Printed: 11/26/2019

Test Date: 1/26/2019

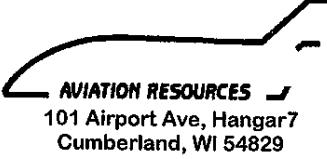
This engine model I0550N43B, serial number 1038431 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min

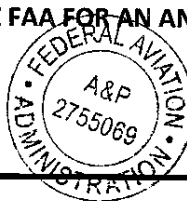
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

 <p>AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829</p>	N96SB					ENGINE LOG BOOK ENTRY		2/17/20
	Cirrus	SR22	S/N 0465	Flight		Hobbs	2244.5	
	Continental	IO-550-N (43)	S/N 1038431	Flight		TTE	0.0	
	Hartzell	PHC-J3YF-1RF	S/N FP8268B	Flight		TSOH	825.0	

Removed cowlng. Removed engine S/N 1007887 and installed new engine S/N 1038431. Removed spark plugs; gap checked and resistance checked; cleaned lead spring contacts; anti-seized, and reinstalled. Installed new Tempest oil filter P/N AA48109 and serviced with 8 quarts of Phillips 20W50 type M. Removed and replaced air filter element with new P/N BA24. Lubricated throttle, prop control rods, and mixture rods. Removed left magneto and ignition harness. Installed Surefly Partners Ltd. Electronic ignition module, model SIM6C Rev A, S/N 6C-4219002 – IAW SE04349CH and AML dated 10/31/18; Installation instructions Doc No. SF1003, Rev B. Installed new ignition harness to all lower spark plugs. Relocated right magneto ignition leads on 2-4-6 cylinders to top spark plugs. (Minor alteration) Manifold Pressure reference is NOT installed. Timed right magneto to 21° BTDC and electronic (left) to 23° BTDC. (limits of type certificate) See FAA 337 form dated 2/17/20. Increased all lower spark plug gaps to .032". 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. Replaced broken rivets on right engine baffle middle mount bracket. Performed ground run and leak check; found satisfactory. Reinstalled cowlng. (Refer to Job #96SB35 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.

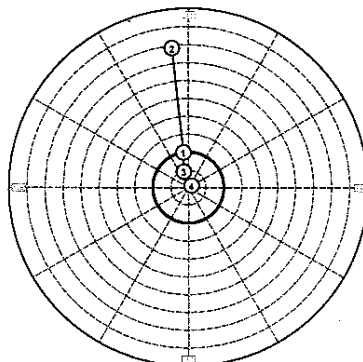
JIM BARKER A&P/IA 2755069
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Email jim@aviationvibes.com



AVIATION RESOURCES, LLC
Hangar (715) 822-5787
www.aviationvibes.com

ENGINE/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



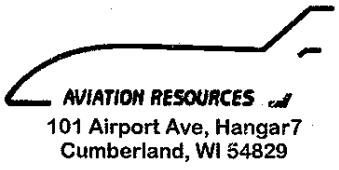
Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED 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 .199 @ 2553 rpm reduced to .023 IPS @ 2551 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

N96SB Cirrus SR 22 465 2258.1 Hrs
IO 550 N 43 1038431
Front of engine
MicroVib II SN:1177 Cal:03/30/2020
Initial: 0.199 IN/S @ 2552.5 RPM Final: 0.023 IN/S @ 2551.1 RPM

Oper: _____
Date: 05/20/2020 _____ Jim Barker

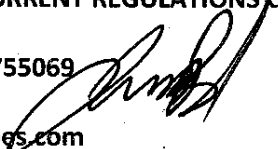
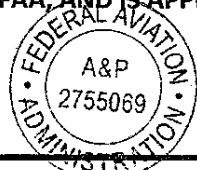
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

 AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829	N96SB	ENGINE LOG BOOK ENTRY				6/8/20	
	Cirrus	SR22	S/N 0465	Flight		Hobbs	2260.5
	Continental	IO-550-N (43)	S/N 1038431	Flight		TTE	16.0
	Hartzell	PHC-J3YF-1RF	S/N FP8268B	Flight		TSOH	841.0

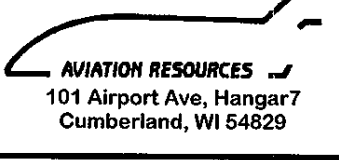
Removed cowling, drained oil, sample taken for analysis. Removed top spark plugs. Removed oil filter and examined internal element for contamination, none found. Installed top spark plugs and torqued, cleaned ignition leads and installed. Installed new Tempest filter P/N AA48109 and 8 quarts of Phillips 20W50 Type M oil. Ground run, magneto check, and leak check found good. Installed cowling. (Refer to Job #96SB36 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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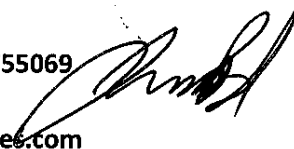
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 www.aviationvibes.com

 AVIATION RESOURCES 101 Airport Ave, Hangar 7 Cumberland, WI 54829	N96SB	ENGINE LOG BOOK ENTRY				6/24/20	
	Cirrus	SR22	S/N 0465	Flight		Hobbs	2261.5
	Continental	IO-550-N (43)	S/N 1038431	Flight		TTE	17.0
	Hartzell	PHC-J3YF-1RF	S/N FP8268B	Flight		TSOH	842.0

Removed cowling. Replaced fuel nozzle at position 5 with "C". Closed cowling. (Refer to Job #96SB36 for details.)

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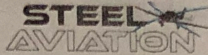
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ENGINE LOG

5-4-2021



Service and Maintenance Record

Reg: N96SB	Eng. S/N: 1039431
Make: Cirrus	Model: IO550N
Hobbs: 2208.5	Tach: 24.0 TSN
	TSMOH: 24.0 TSN

maintenance actions including engine part removal and compliance with inspections, Airworthiness Directives, inspections, Modifications and Service Bulletins

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
2. Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
3. Checked compressions #1:66 #3:72 #5:72 #2:71 #4:70 #6:72

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

Kevin Pierron A&P 3343189IA

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FlightMaster Aviation Services, Inc., Richmond, Indiana
 Engine logbook entry Cirrus SR22, N96SB, s/n 0465
 July 5, 2021 Tach: 2300 TTSN: 55.5
 Drained oil. Installed Tempest AA48109 oil filter. Serviced engine with 8qts. Phillips 66 X/C 20W50 oil. Oil filter inspected, no metal noted.

Jason J. Horner, A&P 3714891 IA

FlightMaster Aviation Services, Inc., Richmond, Indiana
 Engine logbook entry Cirrus SR22, N96SB, s/n 0465
 August 27, 2021 Tach: 2344.1 TTSN: 99.6
 Drained oil. Installed Tempest AA48109 oil filter. Serviced engine with 8qts. Phillips 66 X/C 20W50 oil. Oil filter inspected, no metal noted.

Bryce A. Fisher, A&P 3711571