

ENGINE LOG BOOK






CONTINENTAL SERVICES

Fairhope, Alabama

USE ONLY FUEL CONFORMING TO ASTM D910

USE OF AUTOMOTIVE FUEL IS PROHIBITED

DATE: March 17, 2022	ENGINE MODEL: IO550N27B	ENGINE S/N: 917299	ENGINE TSMOH 0.0
 CONTINENTAL SERVICES			
<p>This is to certify that the engine described hereafter has been OVERHAULED IAW Continental Manuals M-16 (revision date of 10/21) and M-0 (08/21). This engine was disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with manufacturers current instructions. Applicable Service Bulletins and Airworthiness Directives have been complied with.</p>			
<p>This engine has been inspected in accordance with procedures listed in M-16 and M-0 and has been accepted by Continental Services in Fairhope, Alabama. I certify that this engine has been OVERHAULED as indicated above and was determined to be airworthy with respect to the work performed. Reference Work Order ES-10439</p>			
<p>COMPLIED WITH: CSB668, M87-23, M93-4, M93-8, MSB94-8D, SB04-10, SB13-6A, SB19-07, SB653, SB658, SB97-11, SID96-6, SIL18-01.</p>			
MECHANIC: 	FAA CERT # 9CER853B	AUTHORIZATION: 	FAA CERT # 9CER853B

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

DATE	10-10-2022	S.O	64632	MAKE	Cirrus	N#	N727PW		
MODEL	SR22	S/N	1196	AFTT	3120.1	Eng. TT	1382.0	Eng TSO	0.0

Installed a Continental IO-550N 27B Engine, S/N 917299. The following accessories were installed with the engine:

- Overhauled #1 Alternator, P/N 649304, S/N A124935
- Overhauled #2 Alternator, P/N BC410-1, S/N 0953975
- Tested Alternator Drive Coupling, P/N 646655
- New Starter, P/N PL13484, S/N H-W062677

Adjusted idle and mixture, performed run-up - no discrepancies noted. Work performed referencing the Cirrus SR22 Airplane Maintenance Manual, P/N 13773-001, Rev B8 and the Continental Maintenance and Overhaul Manual, P/N M-16, Rev 2, Change 1.

Cleaned firewall and engine mount; touched up white paint on engine mount.

Repaired right side baffle and TKS line mount for prop referencing AC 43.13-1B.

Installed an overhauled Hartzell Propeller, P/N PHC-J3YF-1RF, S/N FP 6800B and overhauled Governor, P/N C290D3R/T23, S/N 061728. Performed ground run and leak check - no discrepancies noted.

- o Work performed referencing the Cirrus SR22 Airplane Maintenance Manual, P/N 13773-001, Rev B8 and the Hartzell Owners Manual, P/N 115N, Rev 24.

The aircraft/airframe/engine/propeller identified above was repaired and inspected in accordance with the current regulation of the Federal Aviation Administration and is approved for return to service only for the work performed.

Robert McCarthy

A&P 2718138

wo: WO_107

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Steel Aviation, Inc. - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

N727PW
HOBBS: 3123.6

Cont., IO550N 27B, S/N: 917299

November 22, 2022

1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Cirrus AMM as a guide.
2. Checked Compressions: #1:72/80, #3:72/80, #5:72/80, #2:72/80, #4:72/80, #6:72/80 M/O:42.
3. Checked Magneto timing. Found LH/RH mags @ 19 degrees, timed to 22 degrees on LH/RH mags.
4. Replaced induction air filter with new. Installed P/N 50207-200 - Brackett Replacement Filter Element, BA-24.
5. Ops checked #5 EGT prob. ops checked good.
6. C/W SB 2X-71-11 R1 Electrical Connector Sealing, Replaced damaged molex connectors with new.
7. Attached Grounding strap to starter adapter.

I certify that this ENGINE has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation, Inc. under work order: WO_107.

Jeff Pleiman A/P I/A 3304319

