

# **ENGINE LOG BOOK**



TM

## **CONTINENTAL SERVICES**

**Fairhope, Alabama**

## Service Information

Consult the Continental web site at <http://www.continental.aero> for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

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 for International customers

## Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at <http://www.continental.aero/services/warranty.aspx> or scan the QR Code to the right to navigate to the page.



## Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site <http://www.continental.aero/services/owner-registration.aspx> or scan the QR Code to the right to navigate to the page.




## Engine Returns

Return engines for core credit with this log book to:  
**Continental Aerospace Technologies**  
2039 Broad Street  
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:  
**Continental Services**  
Factory Service Center  
8600 County Road 32  
Fairhope, Alabama 36532 USA

**USE ONLY FUEL CONFORMING TO ASTM D910**

**USE OF AUTOMOTIVE FUEL IS PROHIBITED**

DATE:	ENGINE MODEL:	ENGINE S/N:	ENGINE TSMOH
March 17, 2022	IO550N27B	917299	0.0
 <b>CONTINENTAL SERVICES</b>			
<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

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> 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					

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.

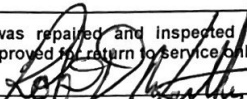
Cleaned firewall and engine mount; touched up white paint on engine mount.

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



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

20. Replaced left fuel fill placard. Installed P/N 15648-003 - Fuel Fill Placard SR22 Small Ring.
21. Painted, installed chafe tape, and reinstalled L/H and R/H MLG leg fairing.
22. Repaired and painted and installed R/H wheel pant inner panel.
23. Repaired, painted and installed R/H wheel pant.
24. Repaired, painted and reinstalled Nose wheel pant.
25. Repaired, painted, and reinstalled L/H wheel pant inner panel.
26. Replaced L/H and R/H O-rings and over temp decals. Bled brakes. Installed (4) P/N 101-34500 - M83461/1-222, HIGH TEMP O RING, Installed (2) P/N 51698-003 - 300 Degree, Yellow, Installed (2) P/N 51698-001 - 330 Degree, Blue.
27. Replaced brake linings with new. Installed (8) P/N RA066-14100 - RAPCO BRAKE LININGS.
28. Rebonded and sealed Pilot and Co-pilot door windows. Applied P/N PR1829 - WINDOW BONDING ADHESIVE, 6oz cartridge.
29. Removed rudder-aileron Interconnect assembly per SB2X-27-18R2.

I certify that this AIRFRAME 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