

EL-1

ENGINE LOG BOOK



GAMIjectors[®]
Performance Fuel Injection

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 bulletins 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
1-251-438-8299 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:

Mattituck Services
410 Airway Drive
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors, Inc.

Production Certificate 508

Printed: 1/21/2014

Test Date: 1/21/2014

This engine model I0550P5B, serial number 1009768 was rebuilt by 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 Continental Motors Service Bulletins.

Thomas Howard

— Subtract 3549.6 From Current A/C Tach For Engine TTSN: —

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	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

Vitaoe Aviation, LLC.
 Pickaway County Airport
 28181 McCrady Rd.
 Circleville, Ohio 43113

Date: 3-1-2014 Tach: 3549.6
 TAF: 3549.6 TSNEW: 0 A/C REG. # N210PF

3564.8 → accounts for 15.2 hrs nonfunctional Tach time
 Monitor Hobbs: 283.6 (ETACH)

Installed this engine (TCM Model No. IO-550P5B, S/N 1009768) on A/C REG. #N21PF IAW Vitaoe Av. STC # SA02918CH REV.F, APP.A . All engine parameters set and leak check was good. END_-----

[Signature] AP 2961799

	Tach	TTAF	TSNew	Monitor Hobbs	
6/13/2014	3565	3961	15.4		Changed oil with Aerosell 100 Mineral oil and filter Tempest AA48103 ; filter inspected. <i>[Signature]</i> Bruce Brown A/P 3207478
10/29/2014	3629.4	4010.2 3644.6	64.6	348.2	Changed oil with 9 quarts Aeroshell 100W and added 1 pint Camguard. Tempest AA 48103 filter. Inspection normal. <i>[Signature]</i> Bruce Brown A/P 320 7478

Vitaoe Aviation LLC
 Pickaway County Airport
 28181 McCrady Rd.
 Circleville, Ohio 43113

Date: 01-13-15 Hobbs: 0363.1 TTSN : 0079.5 TTAF: 4025.1 Tail N210PF
 Removed Engine due to Unpowered Prop strike. END-----

[Signature] AP 2961799

--	--	--	--	--	--

- Subtract 3549.6 From Current A/C Tach For Eng TTSN:

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	

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

Carrier

1 of 1

ENGINE MODEL: IO-550-P (5)
ENGINE S/N: 1008710
REG. NO: 210PF
WORK ORDER: 7206



Tennessee Aircraft Services, Inc.

2313 Technology Center Drive
Jackson, TN 38301
Phone: 731-424-7227

DATE: 13 June, 2016
A/C TSN: 4026
ENG TT: 162.4
TSMOH:
TACH: 4010.8

Engine Entries

- Performed Annual / 100 hour inspection with reference to FAA CFR 43 Appendix D.
- Complied with magneto and timing check and found both magnetos to be at 22 degrees as per the engine data plate.
- Compressions (master orifice 42/80): #1/48 .#2/70, #3/70, #4/70, #5/70, #6/70
- Complied with a borescopic inspection of the engine.
- Spark plugs removed, cleaned, resistance tested, gapped, ops checked and reinstalled with new gaskets p/n AN4027-1.
- Drained oil sump and reinstalled plug with new gasket p/n MS35769-11 and safetied. Removed oil filter and opened for inspection with only minimal metal flakes noted. Installed new filter p/n AA48109 and serviced engine with nine quarts of Phillips XC20W50.
- Engine ground check run satisfactory.
- Adjusted fuel pump pressure up 1/8th turn.
- Lubricated the waste gate as needed with nickel anti-seize.
- Tightened all the rocker cover screws to 65 inch lbs.
- Work performed by Joe Norris and Doug Kaii

I certify this aircraft has been inspected in accordance with an Annual Inspection and found airworthy.

DATE: 13 June, 2016

SIGNED:

Joe R Norris

Work Order: 7206

Joe Norris, IA: 3466262

Printed by EBjs 3 (datcomedia.com)

10 MAY 2017	193.4	N/P	N210PF Aircraft Tach Reads 3743.0 (Eng MDN Time 15:506.6) (N210PF A/C TT: 3758.2) (Installed Elect Hobbs Meter 15:1932.9) This entry to correct N210PF A/C TT and engine sn# 1008710 TT, to correspond to aircraft tach time. TJG 1975936 AEP
-------------	-------	-----	---

MAY 10 2017 193.4

10 May 2017

TCM Engine, IO-550-P5B, sn# 1009768, Eng TT: 193.4 .. ENG TSO: N/P

1. Engine Hot Differential compression test performed, results:
#1=80/72, #2=80/74, #3=80/76, #4=80/73, #5=80/73, #6=80/73
NO valve leakage.
2. Magneto timing ck@ R/H=21.9 & L/H=21.6 BTDC.
3. cleaned, gapped, rotated & tested spark plugs (new gaskets)
4. repaired exhaust system @ wastegate (see airframe log)
5. oil and filter not changed and sample not taken at request of owner
oil & filter has 20 hrs since last change.
6. Installed new mag pressure filter (Ram # 1396-2)
7. fuel injection nozzles and upper deck pressure seals not removed at this inspection (ea 300 hrs)

MAY 10 2017 193.4

Swink Aircraft Services
3332 Whitlow Creek Dr
Bishop, GA 30621

Continued

Next Page →

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		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	

Carried forward →
 MAY 10 2017 193.4 N/P

(Continued from previous page)



8. Airworthiness Directives thru issue 2017-10 have been checked for applicability and compliance.. See A.D. report dated 10 May 2017 (16 pages) for applicability and compliance details. this report has been made a part of permanent aircraft log, and placed in "A.D." section of three ring zipper folio with other permanent logs.

[Signature]

Bobby Swink 1975936 A&P

Swink Aircraft Services
 3332 Whitlow Creek Dr
 Bishop, GA 30621

RE; WR# 42617

THIS TGM Engine PN ID.550.P5B SN 1009768
 HAS BEEN inspected PER E-CFR 14
 SPECIFICATION # Part 43 Appx "d"
 DATED MAY 2017 ON THIS DATE MAY 10 2017
 WO REF 042617 TSN: 193.4 TSO: N/P
 BOBBY J SWINK 1975936 A&P *[Signature]*

THIS TGM Engine PN ID.550.P5B SN 1009768
 HAS BEEN inspected PER CSSNA 1258-2-13
 DATED 24 Sep 85 / June 96 ON THIS DATE MAY 10 2017
 SPECIFICATION # 2-11 thru 2-33 SA&S ✓ LIST
 WO REF 042617 TSN: 193.4 TSO: N/P
 BOBBY J SWINK 1975936 A&P *[Signature]*

Swink Aircraft Services
 3332 Whitlow Creek Dr
 Bishop, GA 30621



THIS TGM Engine PN ID.550.P5B SN 1009768
 HAS BEEN Tested PER E-CFR 14
 SPECIFICATION # Part 43.15 (C) (2) (i) (ii) (iii) (iv)
 DATED MAY 2017 ON THIS DATE MAY 10 2017
 WO REF 042617 TSN: 193.4 TSO: N/P
 BOBBY J SWINK 1975936 A&P *[Signature]*

Swink Aircraft Services
 3332 Whitlow Creek Dr
 Bishop, GA 30621

MAY 10 2017

Continued → next page

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		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	

Carried forward →

MAY 10 2017	193.4		N/P		Carried forward (entry continued from previous page)
-------------	-------	--	-----	--	---



(\$+C#\$A.02918.CH)

I CERTIFY THIS IO.550.P5B ENGINE
 SN 1009768 HAS BEEN INSPECTED AND TESTED
 PER MANUFACTURERS RECOMMENDATIONS AND CURRENT
 REQUIREMENTS OF THE FEDERAL AVIATION ADMINISTRATION
 FOR COMPLIANCE WITH A 100HV Annual INSPECTION AND
Approved FOR RETURN TO SERVICE FOR TIME
 TO CONTINUE: TSN 193.4 TSO N/P
 CSN N/A CSO N/A
 AIRWORTHINESS DIRECTIVES THRU ISSUE 2017-10
 COMPLIED. DATE MAY 10 2017 WO REF: 042617
 BOBBY J SWINK 1975936 A&P BJSWINK

Swink Aircraft Services
 3332 Whitlow Creek Dr
 Bishop, GA 30621

End

MAY 10 2017

Date	Total Time	Time Since Last Overhaul	Maintenance Actions
10-Oct-2017	226.9	540.1	Oil drained and sample sent for analysis. Refilled engine with 9 quarts Aeroshell 50-20w and 16 oz Camguard. Bruce Brown Bruce Brown A/P 307478
2/28/2018	Tach: 3804.7 Engine Time = 239.9	Monitor: 570.8	Lubricated waste-gate with Michel-Chrome lube Oil drained, sample sent to Blackstone Labs. Installed new copper gasket TCM MS 35769-11 Removed filter - inspection without debris. Installed new filter AA-38105 Filled crankcase with 8 quarts Phillips XC 50-20w and Camguard 1 pint - inspected engine exterior Bruce Brown Bruce Brown A/P 307478