

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call [REDACTED] publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors



Abbeville, AL 36310

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

This engine model T0550N1B, Serial Number 685820
was manufactured on 02-18-01 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

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

April 26, 2019. Tach 0142.7 TTE 0142.7 TSMOH new. Engine reinstalled after engine tear down and inspection by Continental motors. Replaced spark plugs with URHB32E. Service with 9qts. Aeroshell mineral 100 oil. Engine ran and checked for oil leaks and fuel flow calibration. Governor overhaul by Wings West. I certify that this engine had a **CONDITIONAL Inspection and** determine to be in airworthy condition at this time.

James Roach AP

DATE: December 4, 2018	ENGINE MODEL: IO550N1B	ENGINE S/N: 685820	ENGINE T.T. 142.7
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 Continental Motors, Inc.
 Continental Motors Services, Inc.
 Fairhope, Alabama

This engine was delivered to Continental Motors Services, Inc. for inspection due to a propeller strike. Engine disassembled and inspected. The following serialized items were installed as replacements: Crankshaft (SN R53018-1) and Magnetos (SN D18JA022 and D18JA025). Cylinders were disassembled, cleaned, and repaired as required for serviceable condition. Engine reassembled using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable Service Bulletins and Airworthiness Directives have been complied with.

This engine has been tested in accordance with manufacturer's published data and has been accepted. All work performed IAW CMI Maintenance/Overhaul Manual M-16 (revision date of July 2015) and Procedures Manual M-0 (revision date of September 2018). I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility under Work Order ES-8551.

Complied with: CSB05-8D, CSB08-3C, CSB668, M87-23, M93-4, MSB94-8D, MSB96-10B, SB04-10, SB07-1, SB11-2, SB13-6A, SB17-01A, SB653, SB658, SB97-11, SID96-6.

MECHANIC: [Redacted] AUTH: [Redacted]

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	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		New		
8/6/07	95	0	95		OIL CHANGE 9QT AEROShell 15-50 & FILTER OWNER BUDER [REDACTED]
8/7/07	95.5		New		BROD BREAKS
7/3/18	136.3				OIL CHANGE, CLEAN FILTER 9QT AEROShell REPLACED FUEL LINE TO SENDING UNIT OWNER BUDER [REDACTED]
7-29-18	144.8				Replace Engine Driven Fuel Pump After check and flow testing by Precision Air Power. Checked [REDACTED] ADJUSTED FUEL PRESSURE AS DESCRIBED IN SID 97-3 OWNER BUDER [REDACTED]

PRECISION AIR POWER
 SKYPARK AIRPORT - WOODS CROSS, UTAH
 FAA REPAIR STATION NO. [REDACTED]
 SERVICEABLE
 MAINTENANCE RELEASE

MFG. CONTINENTAL MODEL IO-540
 UNIT FUEL PUMP PART NO. 649364-01
 SERIAL NO. FUEL PUMP W.O. NO. 18578
 T.S.N. awr T.S.O. C.S.N. C.S.O.
 DATE 2-15-18 [REDACTED] REMAINING
 INSPECTOR [REDACTED]
 REMARKS
 SEE OTHER SIDE FOR REPAIR DETAILS

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.	
11/4/01	0	0	0	0	INSTALLED HARTZELL PROPELLER P/N PHC-J34F-1RF/F7691 3/N FPI251B I.A.W. WITH HARTZELL PROP OWNERS MANUAL - TORQUED + SAFETY [REDACTED] AHP [REDACTED]
11/1/01	0	0	0	0	INSTALLED THIS ENGINE IN EXPRESS 2000 SERIES N43FD - PERFORMED ENGINE RUN UP - CHECK FOR LEAKS - ALL SYSTEMS FUNCTION PROPERLY [REDACTED] AHP [REDACTED]
4/18/02	19	2			INSTALLED REMOTE OIL FILTER - CHECKED COMPRESSIONS - SWITCHED FROM MINERAL OIL - SERVICES WITH 8 QT. 15W 50 AEROSHELL [REDACTED] AHP [REDACTED]
5/20/02	23	4			PERFORMED INITIAL 25HR INST. I.A.W. CONTINENTAL MAINTENANCE MANUAL. [REDACTED] AHP [REDACTED]
8/15/04	36	6			INSTALLED AIR OIL SEPARATOR & QUICK DRAIN OIL PLUG CHANGE OIL 8 QTS AERO SHELL 15W50W. [REDACTED] OWNER BUILD
5/20/05	59	8			CHANGED OIL & FILTER 9 QTS AERO SHELL 15-50W [REDACTED] OWNER BUILD
11/13/05	68	5			ADDED 1 QT. AEROSHALL 15-50W [REDACTED]
8/4/07	95	0			Inspected engine per part 43 for a conditional inspection, performed engine run-up, timed mag for leaks & functional mag - compression, performed all cylinders above 70% [REDACTED] AHP [REDACTED]