

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:
1-888-225-5465 Toll free in the United States or
1-256-833-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Monte, 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, Inc.

Production Certificate 508

Printed: 4/22/2014

Test Date: 4/17/2014

This engine model TSI0520H4B, serial number 1010182 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

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
					Date: 10/02/2014 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 0.0 Acft Tach: 3929.6 Acft Reg: N33UT Engine installed on aircraft N33UT (Cessna T210L, s/n: 21061177). Annual inspection of engine completed. New pressure oil filter installed (p/n: CH48109-1). Serviced engine with 10 quarts of Aeroshell 100 mineral oil for engine break in purposes. Exhaust system replaced with new STC'd system from Knisley Welding. Turbocharger, Wastegate, Pressure Relief Valve, and Absolute pressure controller overhauled by Approved Turbo Components, see W/O's 33608, 33609, 33610, and 33611. Intercooler overhauled by Pacific Oil Cooler Service, see W/O# 100235. Prop Governor replaced with direct replacement PMA part Aero Technologies PCU5000 governor (m/n: AT210937 s/n: 13404249). Forward and Aft engine baffles repaired and painted with epoxy primer. Continental fuel setup procedure SID 97-3F complied with, all fuel system and engine parameters within limits. See AD Compliance Report dated this date located in aircraft historical records for additional AD information. Engine leak and power test complied with no defects noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Engine returned to service. <i>Jacob Keith Bowman</i> Jacob Keith Bowman AP3134439IA
					Date: 02/10/2015 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 6.5 Acft Tach: 3936.1 Acft Reg: N33UT Engine oil filter removed and inspected. No defects noted. New filter (CH48109-1) installed and safe-tied. One quart Aero-Shell 100 mineral oil serviced. Engine leak check satisfactory. Engine returned to service. <i>Gregory E Heatherly</i> 283386
					Date: 06/17/2015 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 8.1 Acft Tach: 3937.7 Acft Reg: N33UT Engine Fuel Injector nozzles replaced on all cylinders under warranty due to high cylinder head temperature condition on #1 cylinder. (P/N 657070A4) Fuel setup procedure outlined in SID97-3F complied with. Engine leak and power check complied with no defects noted. Engine returned to service. <i>Jacob Keith Bowman</i> Jacob Keith Bowman 3134439
					Date: 07/07/2015 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 8.8 Acft Tach: 3938.4 Acft Reg: N33UT Removed #1 cylinder JPI CHT probe under lower spark plug, reinstalled lower spark plug with standard copper gasket. Installed JPI Piggyback CHT probe (P/N M113-3/8) under factory CHT probe on #1 cylinder. Operational check complied with no defects noted. <i>Jacob Keith Bowman</i> Jacob Keith Bowman 3134439
					Date: 12/01/2015 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 11.4 Acft Tach: 3941.0 Acft Reg: N33UT Annual inspection of engine completed. Compression test as follows: #1 75/80, #2 79/80, #3 77/80, #4 77/80, #5 72/80, #6 76/80. Oil filter removed and inspected with no defects noted. New pressure oil filter installed (p/n: CH48109-1). Serviced engine with 1 quarts of Aeroshell 100 mineral oil. Spark Plugs removed, cleaned, gapped, tested, rotated, and reinstalled with new gaskets. Magneto to engine timing check complied with. Lubed Turbocharger Waste Gate. See AD Compliance Report dated this date located in aircraft historical records for additional AD information. Engine leak and power test complied with no defects noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Engine returned to service. <i>Jacob Keith Bowman</i> Jacob Keith Bowman AP3134439IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins Date: 12/01/2016 Make: Teledyne Continental Model No: TSIO-520-H4B Serial No: 1010182 Eng TT: 20.3 Acft Tach: 3949.9 Acft Reg: N33UT Annual inspection of engine completed. Compression test as follows: #1 76/80, #2 72/80, #3 76/80, #4 74/80, #5 75/80, #6 78/80. Oil filter removed and inspected with no defects noted. New pressure oil filter installed (p/n: CH48109-1). Serviced engine with 10 quarts of AeroShell 100W oil. Spark Plugs removed, cleaned, gapped, tested, rotated, and reinstalled with new gaskets. Magneto to engine timing check complied with. Lubed Turbocharger Waste Gate. Performed Fuel System Setup as outlined in Continental Motors SID97-3G, all readings within spec. See AD Compliance Report dated this date located in aircraft historical records for additional AD information. Engine leak and power test complied with no defects noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Engine returned to service. <i>Jacob Keith Bowman</i> Jacob Keith Bowman AP31344391A
2-9-2018	44	.1			changed oil and filter installed AeroShell W100 oil Date: 2-9-18 Tach Time: 3973.7 N 334T I certify that this <u>Engine</u> has been inspected in accordance with the scope and detail of Part 43, Appendix "D", for an annual inspection and found airworthy. <i>Ronald J. Himmelberg</i> A&P16840871A
5-1-19	74	4			Date: 5-1-19 Tach Time: 4003 N 334T I certify that this <u>Engine</u> has been inspected in accordance with the scope and detail of Part 43, Appendix "D", for an annual inspection and found airworthy. <i>Ronald J. Himmelberg</i> A&P16840871A
11-12-2020 N33UT CMI TSIO520-H4B S/N 1010182 tach 4025.8 96.2 SFREM Changed oil and filter AeroShell W100, AA48109-2 filter. Differential compressions: 1 65/80; 2 55/80; 3 75/80; 4 70/80; 5 67/80; 6 74/80. Minimum 40#. I certify this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition at this date and time. Tri State Airmotive LLC Larkin Floyd <i>Larkin Floyd</i> AP2225372					

S/N: 1010182

TT: 385.4

TACH: 4314.4

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Thomas E. Perrigue

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