ENGINE LOG BOOK



Publication ELB-01 NOV 2013

Service Information

Consult the Continental Motors web site at continental motors 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

access is not available, contact our Customer Service Department at:

- 5465 Toll free in the United States or
- 5-8 299 International

- Returns

gires for core credit with this log book to:

Continental Motors, Inc.

2089 Poad Street

MODE, 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 CERTICATE DATA SHEET **USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors, Inc. ation of the original. Consult

Production Certificate 508

Printed: for eneme in 4/22/2014 to the information recorded

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.**

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Rec					
	Hours	Min	Hours	Min	Record maintenance actions installation and compliance with Special Inspections, Modification	inspections, Airworthines				
		Ser Acf Eng eng with repl Pre- Con Pac repl 134 Con pare hist	Special Inspections, Modifications and Service Bulletins							
r=0	1 34	insp	ection and	d was deter	mined to be in airworthy condition. Er	igine returned to service.	-			
74	1113				sacob Ke	eith Bowman AP3134439IA	`			
1000	11/2				V					
NT	1.33				4					
		_								
To be	1 4 4		ate: 02/10	0/2015	Make: Teledyne Continental	Model No: TSIO-520-H4B	_			
Fett	7 723	<u>s</u>	erial No: cft Reg: I	1010182	Eng TT: 6.5	Acft Tach: 3936.1	_			
T.	ofomn	E in	ngine oil f stalled an	ilter remove d safe-tied	ed and inspected. No defects noted. No one quart Aero-Shell 100 mineral of turned to service.		-			
100	0.531	Seri	e: 06/17/20 al No: 10	10182	Make: Teledyne Continental	Model No: TSIO-520-H4B Acft Tach: 3937.7	* Smoothing			
347	25	Engi head outli	l temperat ned in SID	ijector nozz ture conditi 197-3F com	cles replaced on all cylinders under wa on on #1 cylinder. (P/N 657070A4) Fu plied with. Engine leak and power on urned to service.	el setup procedure	* \			
- Janes Bri	observed 10.5	Date	: 07/07/20	015		Model No: TSIO-520-H4B				
nner F lak k	ned	Seri	al No: 101	10182	Eng TT: 8.8	Acft Tach: 3938.4				
Fileb t	3 3	Rem	standard (ylinder JPI copper gas	CHT probe under lower spark plug, r ket. Installed JPI Piggyback CHT pro cylinder. Operational check complied	be (P/N M113-3/8) under				
1			10/01/10		Jaco	bb Keith Bowman 3134439				
**		Seria Acft	12/01//20 I No: 101 Reg: N33	0182 JT		Model No: TSIO-520-H4B				
		79/80 defect quarts rotate with.	ts noted. Its noted. Its of Aeros d, and rei Lubed Tur ded in aircra), #4 77/80, New pressu hell 100 mi nstalled wit bocharger aft historica	#5 72/80, #6 76/80. Oil filter removedure oil filter installed (p/n: CH48109-1) neral oil. Spark Plugs removed, clear in new gaskets. Magneto to engine ti Waste Gate. See AD Compliance Rel records for additional AD information	and inspected with no . Serviced engine with 1 led, gapped, tested, ming check complied eport dated this date 1. Engine leak and power				
		accor	dance with	n an annua	cts noted. I certify this engine has bee	en inspected in e in airworthy condition.				
		Engin	e returnet	to service	Kreen	- heil Donne				
	- Perfect	Engin	e returnet	to service	Jaco	th Bowman AP3134439IA				

ce Record	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record						
Date	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						
Carried forward -			<u> Date:</u> 12/01/ Serial No: 1		Make: Teledyne Continental Model No: TSIO-520-H4B Eng TT: 20.3 Acft Tach: 3949.9						
odified forward		\overline{A}	cft Reg: N	33UT							
	1. 7.	A A	nnual inspe	ection of e	ingine completed. Compression test as follows: #1 76/80, #2						
1752	7	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									
	100										
		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.									
199		1			Jacob Keith Bowman AP3134439IA						
				7	Vacco Real Downlan / a Clothesis						
2-9-2018	44	./			chanced oil and filter						
100			7		installed heroShell w1000il						
7 110	204	*			7 107 107 107 107 107 107 107 107 107 10						
the state of the	3 - 1 - 2	*	- , , ,	1.5	Date: 2-7-18 Tach Time: 3973,7 N 33UT						
194 1	1		4.	4							
	100				inspected in accordance with the scope and detail						
A Project	7	7.54		11.4	of Part 43, Appendix "D", for an annual inspection and found airworthy.						
4 ()	7.5		-		Ronald J. Himmelberg						
e Paris		- C //	- y	- 10-5	A&P1684087JA						
		- # ·									
5-1-19	74	4	1279								
188	114	2.5	70.2		E-1-10						
		1		. 3	Duto: 5-1-19 Tach Time: 4003 N 3347						
				× 10 m	I certify that this Lugiue has been						
410,31			200	100	of Part 43, Appendix "D", for an annual inspection						
				1 1	and found airworthy.						
					Begalid J. Himmelberg						
			7.6		- walls						
		-	/		A&P16840						
1 2 2 2 2 2 2	11-11	2-2020	NISSLIT C	OIST IM	520-H4B S/N 1010182 tach 4025.8 96.2 SFREM						
1		nanged oil and filter Aeroshell W100, AA48109-2 filter. Differiential compressions: 65/80; 2 55/80; 3 75/80; 4 70/80; 5 67/80; 6 74/80. Minimum 40#. I certify this nation has been inspected in accordance with a 100 hour inspection and determined									
			£		at this date and time.						
					Floyd failing / AP2225372						
7											
			26 3	3 3000							

10-20-2021 N33UT TSIO 520H 4B S/N 1010182 Tach reading 4042.4 SMOH=112.8 changed oil and filter W100 aeroshell, AA48109-2 filter. Differential compressions 1 60/80; 2 52/80; 3 75/80; 4 70/80; 5 60/80; 6 70/80. minimum 40# per TCM SB03-3 COTO to include borescope inspection and found to appear normal. I certify this engine has al and been inspected in accordance with a 100 hour inspection and determined to be in ectives, airworthy condition at this date and tigne. / [Tri State Airmotive LLC Larkin Floyd AP2225372 Ca DATE: 1-3-2023 **REG NO: N33UT** MODEL: TSIO-520-H4B 1 Lodestar Ave | Harlingen, TX 78550 Tach: 4107.9 S/N: 1010182 Ph. (956) 421-4545 | F. (956) 421-4677 ETT: 178.3 Performed an Annual Inspection on this Engine per the Cessna 210 Service Manual checklist. Drained oil and removed oil filter. Installed new oil filter P/N AA48109-2 and serviced engine with 10 quarts of Aeroshell W 100. Performed cylinder compression check and the results are as follow: 1) 71 2) 30 3) 60 4) 60 5) 59 6) 74. Removed the cylinder No. 2 and installed J&J Overhauled cylinder P/N: 654962N1 (See J&J WO# 80944-02) using new gaskets / seals / and piston pin. Re-installed exhaust system using new clamps P/N: A1250860-29 Kit. Washed engine with mineral spirits then performed engine run. No leaks were noted at this time. A.D. Compliance list has been added to the aircraft permanent records. I certify that this Engine has been inspected with an Annual Inspection and is found to be in an airworthy condition. End Rolando Rodriguez A&P 3235577 IA