

### ENGINE LOG BOOK





**JUN 2011** 

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### 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 perlinent to your engine model.

If internet access is not available, contact our Customer Service Department at: 1-888-826-5465 Toil 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: Continental Motors, Inc. Factory Service Center 8600 County Road 32 Fairhope, AL 36532 USA

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



was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 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

HANDA MAALS

CONTINENTAL MOTORS, INC.

[ Form 6012-04 (Rev Sept 2014)

		Tota	Time	Time Sir Over	nce Last rhaul	Engine Service and Maintenance Record
Ő.	Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal an installation and compliance with inspections, Airworthiness Directives Special Inspections, Modifications and Service Bulletins
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	14 4 2011	J III				EGT GLOVE, EUD
						Run Smith Ab 21/1841
Ø.						N333SM
Ø.	Hobbs	1484				N333SM
Ø.	Hobbs 1/19/	2018	<ul> <li>Comparison (Comparison (Compa</li></ul>			
	<b>1/19/</b> 2 Draine	<b>2018</b> ed oil, cι	ut and i X/C 20v	nspecte v-50 oil.	d filter Perforr	N333SM no contaminants. Installed new filter torqued and safety. med ground ops and leak check good. Than them A;P3437625
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	Total	Time	Time Sir Over	ice Last	Engine Service and	Maintenance Re	cord			Total	Time	Ov	erhaul	Engine Service and Mainte	enance Recor
Date	Hours	Min	Hours	naur	Record maintenance actions in installation and compliance with in Special Inspections, Modifications	ncluding engine part remo inspections, Airworthiness Di	val and		Date	Hours	Min	Hours	s Min	Record maintenance actions including er installation and compliance with inspections, Special Inspections, Modifications and Servic	Airworthiness Directive
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	STILL	WATER	RAIRCRA	FT SERV	ICES INC										and the second
									Page	1 of 1		$\mathcal{E}$	T	Mechanical, L.L.C.	the second s
					GIONAL AIRPORT		4			a de la Calencia de Ca				A REPAIR STATION# UEIR803L	·
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											derinstalation, since here a son		-ENGIN	E LOGBOOK ENTRY-	
					D ANNUAL INSPECTION THIS D	ATE. DRAIN OIL, INSPECT	FILTER. ADD					all routine	servicing was	performed accordance with the Beech inspection guide. Performed	:d a
and the second data				1	) #2 74/80 #3 73/80 #4 72/80	agen gen en samt gebannen en				<ul> <li>Drained oil ar oil</li> </ul>		an oil samp	le. Replaced of	if filter with new and added twelve quarts of Phillips 20W50-XC	engine
‡6 74/80	. INSTALL	. NEW [	DRIVE BE	LT FOR	AR CONDITIONING COMPRESS	OR P/N 646293-34.00			n = 1	<ul> <li>Removed, cle</li> </ul>	aned and re	installed th	e fuel injectors	clamp (PN: 626577-2).	· · · · · · · · · · · · · · · · · · ·
					STRAINER. GROUND RUN ENG									nd ground ran with all operations normal. No leaks noted rdance with a 100-Hour Inspection and is approved for return to s	ervice
					ST IDLE MIXTURE ½ TURN RICH AL WEIGHTS 18.4GRAMS @240					this date			EN	Mr. Chind	
RATION. E					- Start - Stort - S					Compression Ch #1: 74 #3: 73	eck: #2: 70 #4: 68			Andrew R. Wyatt Chief Inspector (AP/IA 3104693	
							1			#5: 69	#6: 75			CRS# UEIR803L WO# 1313	
		BEEN	INSPECT	ED IN A	CCORDANCE WITH AN ANNUAL	- INSPECTION AND IS APPF	ROVED FOR	0.		5604	Philip J.	RHOAD	s Ave. • H	ANGAR 3, WILEY POST AIRPORT • BETHANY, C	DK 73008
N TO SERVIC				ED IN A	CORDANCE WITH AN ANNUAL	- INSPECTION AND IS APPF	ROVED FOR			5604 ] 	Philip J.		+ 	ANGAR 3. WILEY POST AIRPORT • BETHANY, C Mechanical, L.L.C. AA REPAIR STATION# UEUR803L	)K 73008
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MITH 47847	<u>CE.</u> سلم بالجريح ح عامة ا	5FRm 11/13/	<u>I</u> 118	С. <i>Т</i> . Мак	Mechanical, L. FAA REPAIR STATION# UEIR803L e: TCM Mod	<i>L.C.</i> el: IO-550-B				Date: C S/N: TSN. 110.6 A 100 Hour In: compression tes	5/24/20 1034330 spection and	L L d all routing	Make: Hr Me -ENGIN	Mechanical, L.L.C. AA REPAIR STATION# UEIR803L TCM Model: IO-550-E er: 1568.4 Reg.#.: N333SM E LOGBOOK ENTRY-	sd a
SMITH	<u>CE.</u> سلم بالجريح ح عامة ا	SFRM	<u>I</u> 118	C. T. Mak Hr N	Mechanical, L. FAA REPAIR STATION# UEIR803L e: TCM Mod	<i>L.C.</i>				e l of 1 Date: ( S/N: T.S.N. 110.6 A 100 Hour In: compression tes • Drained oil 7 oil. • ADs checke	5/24/20 1034330 spection and st. and retained d thru issue	d all routine an oil sam 2020-13.	Make: Hr Me -ENGIN e servicing was	Mechanical, L.L.C. AA REPAIR STATION# UEIR803L TCM Model: IO-550-E er: 1568.4 Reg.#.: N333SM E LOGBOOK ENTRY- performed accordance with the Beech inspection guide. Perform oil filter with new and added twelve quarts of Phillips 20W50-XC	sd a
TO SERVI MAN SMITH 647847	се. 45,5 5 21 of 1 Date: S/N: T.S.N. 76-	5FRM 11/13/ 103433	1 18 30	C. T. Mak Hr N -ENG	Mechanical, L. FAA REPAIR STATION# UEIR803L e: TCM Mod feter: 1534.2 Reg.	<i>L.C.</i> el: IO-550-B #.: N333SM				Date: ( S/N: T.S.N. 110.6 A 100 Hour Inc compression tes • Drained oil a oil • ADs checke • Engine was • I certify that	5/24/20 1034330 spection and st. and retained d thru issue hed and grou	d all routine an oil sam 2020-13. und ran wit	C. T. I Make: Hr Me -ENGIN e servicing was ple. Replaced h all operation	AA REPAIR STATION# UEUR803L TCM Model: IO-550-E er: 1568.4 Reg.#.: N333SM E LOGBOOK ENTRY- performed accordance with the Beech inspection guide. Perform	ed a engine
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SMITH	CE. 45,555 1 of 1 Date: S/N: T.S.N. 76. 9 Drained Phillips • Adjuste • Engine work perfi Edward Q President	11/13/ 10343: 40 d oil and s 20W50- d routing washed grant, tr	18 30 retained ar -XC engine g of ignitic and ground this engine urtz or	Mak Hr N -ENG o oil samp e oil. on leads fo d ran with is approv	FAA REPAIR STATION# UEIR803L         e:       TCM         reter:       1534.2         Reg.:       INE LOGBOOK ENTRY-         le.       Replaced oil filter with new and avr better clearance.         all operations normal and no leaks no	L.C. el: IO-550-B #.: N333SM dded twelve quarts of ted. In regard to the				e I of I Date: 6 S/N: T.S.N. 110.6 A 100 Hour In: compression test oil ADS checke Engine wasł I certify that this date. Compression C #1: 74/80 #5: 72/80	5/24/20 1034330 spection and st. and retained d thru issue hed and grow this engine "heck: #2:66 #4:60 #6:70	d all routine an oil sam 2020-13. und ran with has been in 5/80 5/80	C. T. I. Make: Hr Me -ENGIN e servicing wa ple. Replaced h all operation sspected in acc	Mechanical, L.L.C. AA REPAIR STATION# UEIR803L TCM Model: IO-550-E er: 1568.4 Reg.#.: N333SM E LOGBOOK ENTRY- performed accordance with the Beech inspection guide. Perform oil filter with new and added twelve quarts of Phillips 20W50-XC normal. No leaks noted. ordance with a 100-Hour Inspection and is approved for return to s 	ervice

	Total	Time	Time Sin Over	ce Last haul	Engine Service and Maintenance Record			Total	Time	Time Sii Ovei	nce Last rhaul	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		Date	Hours	Min	Hours		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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		5/AUG 034330	/2021	F Make: Hr Me	Mechanical, L.L.C.         AA REPAIR STATION# UEIR803L         TCM         Model:         IO-550-B         ter:       1576.6         Reg.#.:       N333SM		Pag		8/JUN/2 034330	.022	FA Make: Hr Met	Mechanical, L.L.C.         A REPAIR STATION # UEIR803L         TCM       Model: IO-550-B         er:       1660.40       Reg.#.: N333SM         E LOGBOOK ENTRY-
	<ul> <li>compression test of the second second</li></ul>	h Continen bor Fabric: one were de and service icability of nd it to be r to transduci I reinstallee le drain lin inter-cylin essory driv rified prope intake cou ottle intake	d all routine s tal Service B ation stainless tected. Retain d with 12 quar Service Bull not applicable er to eliminate i left baffle tra- e hose clamp, der baffles to e Garlock sea er operation a pling clamps, coupling duc	ervicing was alletin CSB steel 1000 n ned an oil si rts of Phillip etin SB18-0 because the e air. by after repa their correct l with new ( nd no furthe	s performed accordance with the Beech inspection guide. Performed a 07-01A (Textron SEL-79-03) – Piston Pin Bushing Inspection by draining micron strainer (PN: 2000) and observing for any fragments, particles or ample and submitted for analysis. Replaced oil filter with new (PN: ps 20W50XC oil. 4A (Textron SEL-71-10) – Replacement of Continental Motors Flanged re are no "ZB" markings on the installed flanged nuts. ar by Associated Aero Service – Bethany, OK {CRS# SSWR186K}. t location. PN: 25102) and reinstalled standby alternator with a new gasket (PN:			<ul><li>added twel</li><li>Engine was</li></ul>	l and reta ve quarts shed and he work p chwartz pector	ined an oil of Phillip ground rar	sample f s 20W50- n with all this engi	Tor analysis. Replaced oil filter with new (CH48109-1) and
Page	5604	Philîp J		<i>T.</i> 2	HANGAR 3, WILEY POST AIRPORT • BETHANY, OK 73008		Pag	5604 P	hilip J. I		T. 9	ANGAR 3, WILEY POST AIRPORT • BETHANY, OK 73008 Mechanical, L.L.C. A REPAIR STATION# UEIR803L
		engine has	/80 /80	ll operation	s normal and no leaks noted. lance with a 100-Hour Inspection and was determined to be in airworthy 			S/N: 1 T.S.N. 240.8 A 100 Hour In Performed a cc • Drained oil serviced wit • ADs checke • Engine wash	nspection a compression and retaine h 12 quarts d thru issue ted and gro is engine h	and all routi i test. ed an oil san s of Phillips e 2022-21. bund ran wi	nple for an 20W50X0 th all opera pected in a	E LOGBOOK ENTRY-
	5604	Philip J	. Rhoads	Ave. • 1	HANGAR 3, WILEY POST AIRPORT • BETHANY, OK 73008			Compression C #1: 68/80 #3: 70/80 #5: 74/80	Check: #2: 66/ #4: 59/ #6: 68/	80 80 80		Edward C. Schwartz President/Inspector CRS# UEIR803L WO# 14325

, NAS	Total Time		Time Since Last Overhaul		Engine Service and Maintenance	Record	: 2013AN 알 : 1	Total T	ïme	Time Since Last Overhaul		Engine Service and Maintenance Reco	
) 	Hours	Min	Hours	Min	Record maintenance actions including engine part r installation and compliance with inspections, Airworthines Special Inspections, Modifications and Service Bulletins	removal and ss Directives,	Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Direc Special Inspections, Modifications and Service Bulletins	
rward -		->					Carried forward		→				
Page 1 o	a ha a second a secon				Arepair Station# UEIR803L			Page 1 of 1			affanale herrer mennenen y	<b>EMECHANICAL,</b> L.L.C. FAA REPAIR STATION # UEIR8031	
<u>S</u> T.	N: 10				LOGBOOK ENTRY-			Date: <u>S/N:</u> T.S.N. 364 A 100 Hour	1034: 4		Hr -EN	ake:     TCM     Model:     IO-550-B       r Meter:     1822.2     Reg.#.:     N333SM       GINE LOGBOOK ENTRY-       was performed in accordance with the Beech inspection guide.     Performed a	
	dded twelv ingine was egard to wardt. Sc	work p	of Phillips ground ran	20W50-2 with all of	r analysis. Replaced oil filter with new (CH48109-1) and KC engine oil. Ref: Ch. 79-00-00 of the G36 AMM. perations normal and no leaks noted. e is approved for return to serviceEND			compression f Drained oil of Phillips Secured ful Replaced tl Replaced tl Replaced tt ADs check Engine was	est. and retaine 20W50XC el pump coo ne oil breath ne RH magn ne induction ed thru issu hed and gro	ed an oil sam oil. oling blast du her drain hose neto's base ga a air filter wit e 2023-23. ound ran with	ple for analy et. e with new ( asket with n h new (PN: a all operation	ysis. Replaced oil filter with new (PN: CH48109-1) and serviced with 12 quarts (PN: WAITS-3-14-4). new (PN: 649954) and retimed magneto to engine. AA10-5304). ons normal and no leaks noted.	
	sident/Insp S# UEIR8		WO# 1445	9				I certify that the condition Compression ( #1: 66/80			ected in acco	Andrew R. Wyatt	
	5604 P	hilip J. I	Rhoads A	VE. • HA	NGAR 3, WILEY POST AIRPORT • BETHANY, OK 73008			#3: 60/80 #5: 76/80 5604	#4:6 #6:6 Philip .	4/80	s Ave. •	Chief Inspector CRS# UEIR803L WO# 14660 • HANGAR 3, WILEY POST AIRPORT • BETHANY, OK 73008	
Page 1 of 1				T. N	lechanical, L.L.C.			#5: 76/80	#6: 6	4/80	s Ave, •	CRS# UEIR803L WO# 14660	
T.S	ate: 04 N: 10 N: 331.60	4/AUG/2 034330	<b>E</b> . 9 2023	FAA FAA Make: Hr Mete ENGINE	TCM       Model:       IO-550-B         r:       1789.4       Reg.#.:       N333SM         LOGBOOK ENTRY-			#5: 76/80	#6: 6	4/80	s Ave, •	CRS# UEIR803L WO# 14660	
T.S. • D ad • E <sub>1</sub>	ate: 04 N: 10 N: 10 ained oil a ded twelve gine w <u>a</u> sh	4/AUG/2 )34330 and retain e quarts o ed and g	E. 2 2023 -H eed an oil si of Phillips 2 round ran y	FAA FAA Make: Hr Mete ENGINE ample for 20W50-X with all or	Image: Constraint of the second state of the second sta			#5: 76/80	#6: 6	4/80	s Ave. •	CRS# UEIR803L WO# 14660	
T.S. • D. ad • En In re Edw Pres	ate: 04 N: 10 N: 10 ained oil a ded twelve gine w <u>a</u> sh	4/AUG/2 034330 and retain c quarts o ed and gu work per wartz ctor	E. 2 2023 -H eed an oil si of Phillips 2 round ran y	T. N FAA Make: Hr Mete ENGINE ample for 20W50-X with all op is engine	Image: Constraint of the second state of the second sta			#5: 76/80	#6: 6	4/80	s Ave, •	CRS# UEIR803L WO# 14660	
T.S. • D. ad • En In re Edw Pres	ate: 04 N: 10 N: 10 ained oil a ded twelve gine wash gard to the ard <b>0</b> . Sch dent/Inspe # UEIR80	4/AUG/2 034330 and retain e quarts o ed and gr work per wartz ctor BL W	E. C. 2023 -I eed an oil s: of Phillips 2 round ran w rformed, th	T. SN FAA Make: Hr Mete ENGINE ample for 20W50-X with all op is engine	Image: Constraint of the second state of the second sta			#5: 76/80	#6: 6	4/80	S AVE, •	CRS# UEIR803L WO# 14660	

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# Biggs irc

ed: Gary White BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K 336893 E 930 RD – WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965

Signed: Gary White

work order #4792 other representations concerning ainvorthiness are expressed or implied. Pertinent details are on file at the agency under those items specif certify that with respect to the work performed this Engine was inspected in accordance with current regulations. Only fied in work order have been inspected, found to be ainvorthy and approved for returned to service. No dated 10-JUL-2024.

91.407b. 04. Performed 50 05. Installed twelve new URHB32E spark plugs in accordance with SIL-03-2B. 20W50 oil. The leak check was satisfactory. 1)74/80 3) 52/80 5) 74/80 2) 67/80 4) 62/80 6) 70/80 03. Complied with Continental Motors Inc. 50- and 100-hour inspections of IO-550-B engine in accordance 02. Engine ground run and leak checked ok. Aircraft flown and operational check performed per FAR 01. with M16 change 2 chapter 6. guide from all ICA's of STC equipment. ADs checked through 2024-13. Performed Differential cylinder compression test IAW SB03-3 Complied with Annual/100-hour inspection in accordance with FAR 43 appendix D using Hawker/Beechcraft inspection guide from Beech M/M P/N 36-590001-9: Revision - D1, Revision Date - Mar 1, 2024, chapter 05-20-00. Complied with hour/6-month oil change. Installed new AA48109 filter and serviced with eleven quarts Phillips X/C 6) 70/80

DATE **Current Hobbs time:** 10-

condition. I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to Engine washed and ground ran with all operations normal and no leaks noted. -ENDbe 5 airworthy

5604	#1: 66/80 #3: 60/80 #5: 76/80	Compression Check:
5604 Philip J. RHOADS AVE.	#2: 60/80 #4: 69/80 #6: 64/80	heck:
HANGAR 3,		

## JUL-2024 1859.9 Continental Motors IO-550 Current Engine Time SNEW 402.1 5 S/N 1034330 WO# 4792 N333SM

raft INC CRS# BA2R709K

Andrew R. Wyatt Chief Inspector CRS# UEIR803L

WO# 14660

WILEY POST AIRPORT .

BETHANY

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Inspector for

Page 1 of -

> moo.oodey@riesggid Fax: 405-258-3016 Phone: 405-258-2965

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