# 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 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**

Réturn 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:

11/13/2012

**Test Date:** 

11/12/2012

This engine model I0240B32B, serial number 1007452 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.

	Total	Time		nce Last rhaul	Engine Service and Maintenance Record				
Date Hours Min		Min	Hours Min		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives Special Inspections, Modifications and Service Bulletins				
Installe	set ap and g	N107 c on Plan round ch	nond DA20	ACH 164 O-C1, N10 I or oil lea	TT 0.0 7TX S/N C0310. Reused engine isolator mounts and hardware. Performed fuel liks at this time. All work done IAW Diamond & TCM maintenance manuals.				
Dra Rep Gro	laced piont	aced oil kit PN M	1368/ & co	ndensor P	91.8 TT 27.1 Phillips 20W50 X/C oil. Cleaned, tested and rotated spark plugs. N K3984 in left mag. Reinstalled left mag time to engine. e IAW Champion 4300/6300 manual L-1363F & TCM Link.				
Λ&	2669238								
ugs. Removen no teals at	moved and r d engine ,re	eplaced o	ankshaft cl	N CH4810 uster gear	34.0 08-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark PN 656762, used new bolts on cluster gear & cam gear. Reinstalled eng ground maintenance manual & Cont IO-240 Overhaul manual from TCM Link.				
&P2669238									
02-04-2013 ed oil, remov Compressio nd was deter LANGIN 6639302	E TO DE	ood att	ACH 210.1 ilter P/N Cl )78 4)78. ( worthy cond		OH 45.4 TOT 45.4  Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark ond 100Hr Insp Checklist. I certify this Engine has been Insp IAW a 100Hr				
e 2/27/20	13	N107T	X red oil filt	Tach:2	56.9 TT: 92.2 CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gappe				

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Recor				
Date Hours		Min	Hours	Min	Record maintenance actions including installation and compliance with inspection Special Inspections, Modifications and Ser	ns, Airworthine			
Carried forward -		<b>→</b>	a literatura						
Proposition Compression	Replaced 4	rocker bo	)/0 4)/4. II 0x gaskets	H48108-1. estalled re	138.0  Serviced engine with Phillips 20w-50. Cleaned, built fuel pump PN R-653351-4A5 SN B12IAZ mond 200Hr Insp Checklist. I certify this Enginetion.	OFF O			
T						01			
Date 04-15-2 Drained oil, r 20w50 acft er	emoved and	d replace	CACH 349. Id oil filter ped, tested	P/N CH48	185.1 8108-1. Serviced with Phillips ed spark plugs				
James Mangi	no								
James Mangi A&P3629302 Date 5-17-2013 Drained oil, ren	3 N107	enland	TACH 39	At Oxxion	TT 234.2				
Date 5-17-201; Drained oil, respark pluss Co	3 N107	replaced	oil filter P/	N CH481	TT 234.2 08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag 0Hr Insp and was determined to be in an airworth	aned, gapped, te timing. C/W Dia hy condition.	sted and rota amond 100H		
Date 5-17-201; Drained oil, rerspark plugs. Co	3 N107	replaced	oil filter P/	N CH481	08-1. Serviced engine with Phillips 20w-50. Cle	aned, gapped, te timing. C/W Dia hy condition.	sted and rota amond 100H		
Date 5-17-201; Drained oil, rer spark plugs. Co Checklist. I cer Eric Dixon	3 N107 moved and a compression tify this Eng	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100	08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag 0Hr Insp and was determined to be in an airworth	aned, gapped, te: timing. C/W Dia hy condition.	sted and rota amond 100H		
Date 5-17-201; Drained oil, rerspark plugs. Cochecklist. I cer Eric Dixon 18073617290	N107T2 N107T2 N107T2 ved and rep	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100	08-1. Serviced engine with Phillips 20w-50. Cle	aned, gapped, te timing. C/W Dia hy condition.	sted and rota nmond 100H		
Date 5-17-201; Drained oil, rerspark plugs. Cochecklist. I cer Eric Dixon 18073617250  Date 7-23-2013 Drained oil, remove	N107T2 N107T2 N107T2 ved and rep	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100	08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag OHr Insp and was determined to be in an airworth and the service of the serv	aned, gapped, te: timing. C/W Dia hy condition.	sted and rota		
Date 5-17-201; Drained oil, rerspark plugs. Conceedist. I ceres Dixon Activation of the conceeding the conceedi	N107T2 N107T2 N107T2 ved and rep	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100	08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag OHr Insp and was determined to be in an airworth and the service of the serv	aned, gapped, te timing. C/W Dia hy condition.	sted and rota		
Date 5-17-2013 Drained oil, rer spark plugs. Co Checklist. I cer Erie Dixon A&P3617200  Date 7-23-2013 Drained oil, remore Cleaned, gapped. Eric Dixon A&P 3617290  N107TX CONT MOTOR 10-24	N107T2  N107T2  N107T2  N107T3	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100 5 CH48108-	08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag 0Hr Insp and was determined to be in an airworth TT 280.8  -1. Serviced engine with Phillips 20w-50.	Date:	9/18/2013 2680.8		
Date 5-17-201; Drained oil, rer spark plugs. Co Checklist. I cer Erie Dixon A&P3617290  Date 7-23-2013 Drained oil, remov Cleaned, gapped. Eric Dixon A&P 3617290	N107 F2  N107 F2  N107 F2  Ved and repitested and r	replaced results: I gine has	oil filter P/ )78 2)73 3 been Insp I	N CH481 )76 4)79. AW a 100 5 CH48108-	08-1. Serviced engine with Phillips 20w-50. Cle Replaced starter batt next due 5/15. Check mag OHr Insp and was determined to be in an airworth.  TT 280.8 -1. Serviced engine with Phillips 20w-50.	Date:	9/18/2013		

Young, James A&P2669238

	Total	Total Time		ice Last haul	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	d ———	<b>→</b>				

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Model: DIAMOND AIRCRAFT IND INC C	Texas State Technical College	Date:	9/18/2013 2680. <b>68</b>
SN: C0310	3801 Campus Drive Waco, TX 76705	TTA:	498. <b>4</b> 6
Reg: N107TX	Maintenance Record (Engine)	Tach: Hobbs:	3484 <b>47</b>
Replaced induction air filter.		erena antenimenta en como en en en escala en	W-000000000000000000000000000000000000
James Young			
_ A&P2669238			
Reg: N107TX	Texas State Technical College	Date:	10/22/2013
4odel: CONT MOTOR 10-240B32B	3801 Campus Drive	TTA:	2729.0
N: 1007452	Waco, TX 76705	Tach:	546.8
TE: 382.1 TSMOH:	Maintenance Record (Engine)	Hobbs:	3547.8
	Dixon, Eric 36172 <del>90 A&amp;R</del>		*
Reg N197TX	Texas State Technical College	Date:	11/21/2013
Model: CONT MOTOR IO-240B32B	3801 Campus Drive	TTA:	2780.7
SN: 1007452	Waco, TX 76705	Tach:	598.5
TTE: 433.8 TSMOH:	Maintenance Record (Engine)	Hobbs:	3612.6
oranieu on, removeu and replaced on miter p/n CH4 spark plugs. See AD list for compliance. Compressions (#1) 70/80; (#2) 74/80; (#3) 72/80;	ordance with a 100 HOUR inspection and has been determined Dixon, Eric	ned, gapped ,tested (	and reinstalled
	3617290 A&P Cui XX		
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		Total			nce Last haul	Engine Service and Maintenance Record				
	Date	Hours	Min	Hours Min Record maintenance actions including enginestallation and compliance with inspections, A Special Inspections, Modifications and Service		ns, Airworthiness	Airworthiness Directives,			
Reg:	N107TX	***************************************			T	exas State Technical College	Date:	1/21/201		
	CONT MOTOR	10-240B32B				3801 Campus Drive	TTA:	2824.5		
	1007452					Waco, TX 76705	Tach:	642.0		
		MOH:			·····	aintenance Record (Engine) AIRCRAFT IND DA 20-C1 maintenance manual n	Hobbs:			
certify	that this Engine	has been ins	pected in	n accordani	ce with a Di:	iced engine with Philips 20w-50. Cleaned, gappe 50 HOUR inspection and has been determined to xon, Eric 17290 A&P	be in airworthy cor	ndition		
					20					
N10	17TV				Tours	State Technical College	Deter	2 120 1204 4		
N107TX el: CONT MOTOR IO-240B32B						3801 Campus Drive	Date: ; TTA:	3/26/2014   2880.3		
el: CON	NT MOTOR IO-2						110	2000.3		
	NT MOTOR 10-2 7 <b>45</b> 2	.400.320				Waco, TX 76705	Tach:			
1007 533. ormed a ned oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filter	ction in acco	1 with Phi 3) 75/80:	illips 20W50 (#4) 72780	Mainte ND AIRCE D X/C oil.	enance Record (Engine) RAFT IND DA 20-C1 maintenance manual and Pa Cleaged, gapped, tested and rotated spark plugs		698.1 3737.2		
1007 533. ormed a led oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filter	ction in acco	1 with Phi 3) 75/80:	illips 20W50 (#4) 72780	Mainto ND AIRCE D X/C oil. ) ith a AMN	enance Record (Engine)  RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs MAL inspection and has been determined to be in James	Hobbs: art 43 Appendix D.	698.1 3737.2		
1007 533. ormed a ned oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filter	ction in acco	1 with Phi 3) 75/80:	illips 20W50 (#4) 72780	Mainte ND AIRCF 3 X/C oil. ) ith a AMN	enance Record (Engine)  RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs MAL inspection and has been determined to be in James	Hobbs: art 43 Appendix D.	698.1 3737.2		
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1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (# this Engine has	ction in acco and serviced \$2) 72/80; (# been inspect	1 with Phi 3) 75/80; ted in acc	illips 20W50 (#4) 72/80 cordance w	Mainte ND AIRCF D X/C oil. ) iith a AMN Young, IA2669	enance Record (Engine)  RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs  MAL inspection and has been determined to be in James 1238	Hobbs:  art 43 Appendix D.  airworthy condition	698.1 3737.2		
1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filter ins (#1) 74/80; (#1) this Engine has	ction in acco and serviced t2) 72/80; (# been inspect /9/2014 rianed oil r	1 with Phi 3) 75/80; led in acc	illips 20W50 (#4) 72/80 cordance w 07TX Tac d and rep	Mainte ND AIRCF D X/C oil. O ith a AMN Young. IA2669 Ch: 0744 olaced o	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs. MAL insection and has been determined to be in James 1238	Hobbs: art 43 Appendix D. ariworthy condition	698.1 3737.2		
1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) this Engine has	ction in acco and serviced \$2) 72/80; (# been inspect /9/2014 rianed oil r	N10 Temove	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. O iith a AMN Young. IA2669 Ch: 0744 blaced o	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs MAL inspection and has been determined to be in James 1238 Intelligence of the plugs of the plugs of the plugs of the plugs of the plugs. Replaced scatters	Hobbs: art 43 Appendix D. ariworthy condition	698.1 3737.2		
1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) this Engine has	ction in acco and serviced \$2) 72/80; (# been inspect /9/2014 rianed oil r	N10 Temove	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. O iith a AMN Young. IA2669 Ch: 0744 blaced o	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs. MAL insection and has been determined to be in James 1238	Hobbs: art 43 Appendix D. ariworthy condition	698.1 3737.2		
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1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) this Engine has  6/ Draw ac	ction in accordand serviced the	N10 remove Cleaned	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. O iith a AMN Young. IA2669 Ch: 0744 blaced o	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs MAL inspection and has been determined to be in James 1238 Intelligence of the plugs of the plugs of the plugs of the plugs of the plugs. Replaced scatters	Hobbs: art 43 Appendix D. ariworthy condition	698.1 3737.2		
1007 533. rmed a ed oil, r	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) this Engine has  6/ Draw ac	ction in accordand serviced the	N10 remove Cleaned	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. O With a AM Young, IA2669 L Ch: 0744 claced o I, tested ith new	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs.  MAL insection and has been determined to be in James 1238  1.7  In filter p/n ch48108-1. Serviced with Phand rotated spark plugs. Replaced scat scat duct. All Done IAW MM.	Hobbs: art 43 Appendix D. art airworthy condition hillips 20w50 t duct from	698.1 - 3737.2		
1007 533. rmed a ed oil, r oression ify that I	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) 7	ction in accordant services and services 21,72/80; (# been inspector)  /9/2014 rianed oil right engoil.  uffler shrows assell Pelze	N10 remove Cleaned out to c	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. O With a AM Young, IA2669 L Ch: 0744 claced o I, tested ith new	BAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs.  MAL insection and has been determined to be in James 1238  1.7  iil filter p/n ch48108-1. Serviced with Phand rotated spark plugs. Replaced scat scat duct. All Done IAW MM.  Texas State Technical College 3801 Campus Drive	Hobbs: art 43 Appendix D. art 44	698.1 - 3737.2		
1007: 533.  ormed a led oil, ropression ify that if	7452 .4 TSMOH ANNUAL inspereplaced oil filterns (#1) 74/80; (#1) 7	ction in accordant services and services 21,72/80; (# been inspector)  /9/2014 rianed oil right engoil.  uffler shrows assell Pelze	N10 remove Cleaned out to c	ortance w  OTTX Tac d and rep d gapped	Mainte ND AIRCF D X/C oil. Young, IA2669 Ch: 0744 claced o	RAFT IND DA 20-C1 maintenance manual and Pa Cleared, gapped, tested and rotated spark plugs.  MAL insection and has been determined to be in James 1238  1.7  In filter p/n ch48108-1. Serviced with Phand rotated spark plugs. Replaced scat scat duct. All Done IAW MM.	Hobbs: art 43 Appendix D. art airworthy condition hillips 20w50 t duct from	10/1/20 <sup>-</sup> 2978 796		

sparkplugs. Compressions (#1) 72/80; (#2) 73/80; (#3) 72/80; (#4) 71/80. I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Dixon, Eric 3617290 A&P

		Total	Total Time		ice Last haul	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 Min					
C	Carried forward		<b>-</b>						
odel: C l: 1 E: 6	del: CONT MOTOR 10-240B32B 1007452			and the second s	Texas State Technical College 3801 Campus Drive Waco, TX 76705 Maintenance Record (Engine)		Date: TTA: Tach: Hobbs: tated sparkplugs.	10/29/2014 3023.5 841.3 3921.7	
F					Dixo	n, Eric 7290 A%F			
-	NIOTI				9 11				
- 3	leg: N107TX lodel: CONT MO	TOB 10-240	B32B		Texas State Technical College 3801 Campus Drive			2/6/20	
1	N: 1007452	101110 240	0320	Waco, TX 76705			TTA Tacl		
500	TE: 729.2	TSMOH: 7:	29.2		Maint	enance Record (Engine)	Hob		
101	rainea oii, repiact askets, induction	air filter Con	u service intession	ia with Philli • (#1) 75/81	ps ZUWOU 1: (#2) 75.	DIAMOND AIRCRAFT IND DA 20-C1 maintenar X/C oil. Cleaned, gapped, tested and rotated spa /80; (#3) 70/80; (#4) 74/80. Ith a ANNUAL inspection and has been determine	rk plugs. Replaced	all rocker box	
140		3				Young, James A&P2669238(A	ed to be in airworthy	condition	
eg:	N107TX	and the second s		A 10 10 10 10 10 10 10 10 10 10 10 10 10		Young, James A&P2669238(A	Date:	4/15/2015	
eg:	N107TX CONT MOTOR	and the second s				Young, James A&P2669238IA exas State Technical College 3801 Campus Drive	Date: TTA:	4/15/2016 3120.9	
eg: N:	N107TX CONT MOTOR 1007452	and the second s			T	Young, James A&P2669238(A	Date:	4/15/2015	
eg: odel: N:	N107TX CONT MOTOR 1007452 774. TSM	10-2408328 10H: 774		Process of the Control of the Contro	T: Ma	Young, James A&P2669238IA exas State Technical College 3801 Campus Drive Waco, TX 76705	Date TTA: Tach: Hobbs	4/15/2015 3120.9 938.7 4051	

Reg: N107TX Texas State Technical Cóllege Date: 6/11/2015 3801 Campus Drive Model: CONT MOTOR 10-240B32B TTA 3177.6 Waco, TX 76705 SN: 1007452 Tach: 995.4 TTE: 830.7 Maintenance Record (Engine) Hobbs: 4119.5 TSMOH: 830.7

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT INDIDA 20-C1 maintenance manual notion file and Part 43 Appendix D. Compressions (#1) 73/80; (#2) 72/80; (#3) 73/80; (#4) 77/80. Drained oil and serviced with 6 quarts of phillips 20w 50 xc aviation oil. Remove oil filter and checked for metal. None found, Cleaned, gapped, tested, and rotated spark plugs. Installed new Induction air filter, All done IAW MM, All AD's complied with at this time.

I certify that this Engine has been inspected in accordance with a 100 HQUR inspection and has been determined to be in airworthy condition.

Pelzel, Russell A&P3684650

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