

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

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:

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: 10/5/2012

Test Date: 10/5/2012


This engine model I0240B32B, serial number 1007249 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		<i>Engine Service and Maintenance Record</i> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

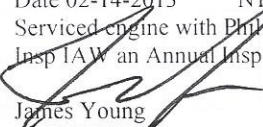
Date: 2/14/2013 N144TX TACH 11.3 Eng TT: 0 A/F TT 2061.3

Installed model IO0240B32 S/N 1007249 engine on Diamond DA20-C1 S/N C0414. Installed 4 new engine isolator mounts and hardware, Replaced hardware for engine mount to firewall. Replace oil & Fuel hoses, air filter, intake, and cabin heat scat hose, all vaccum and breather hoses, throttle, mixture cables. Installed overhauled oil cooler S/N 507, Installed alternator and vaccum pump, installed exhaust, and propeller S/N Ah5758, Serviced with Phillips 20W50 X/C oil, Ground Test and Fuel system set up completed, no leaks at this time, All of above was done IAW Diamond & Continental maintenance Manuals, Test Flight required.


 Russell Pelzel
 A&P Pending

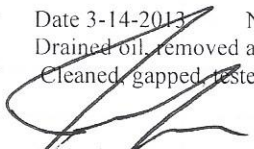
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Date 02-14-2013 N144TX TACH 11.3 TT 0.0
 Serviced engine with Phillips 20w-50. Compression results: new eng. C/W Diamond 1000Hr Insp Checklist. I certify this Engine has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.


 James Young
 A&P2669238IA

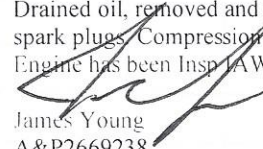
03-04-13					DRAINED OIL, REPLACED OIL FILTER
TACH 35.5					SERVICED WITH PHILLIPS 20W-50 ACFT
ENG TT 99.3 <i>JP</i>					ENG OIL <i>JP</i> J MARGO A&P 3629302

Date 3-14-2013 N144TX TACH 63.3 TT 52.0
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs.


 James Young
 A&P2669238

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Date 4-8-2013 N144TX TACH 110.3 TT 99.0
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs. Compression results: 1)74 2)76 3)76 4)75. Replaced Rt mag harness. C/W Diamond 100Hr Insp Checklist. I certify this Engine has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.


 James Young
 A&P2669238

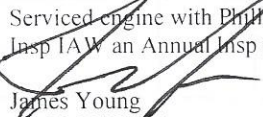
Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					

Date: 2/14/2013 N144TX TACH 11.3 Eng TT: 0 A/F TT 2061.3

Installed model IO0240B32 S/N 1007249 engine on Diamond DA20-C1 S/N C0414. Installed 4 new engine isolator mounts and hardware, Replaced hardware for engine mount to firewall. Replace oil & Fuel hoses, air filter, intake, and cabin heat scat hose, all vaccum and breather hoses, throttle, mixture cables. Installed overhauled oil cooler S/N 507, Installed alternator and vaccum pump, installed exhaust, and propeller S/N Ah5758, Serviced with Phillips 20W50 X/C oil, Ground Test and Fuel system set up completed, no leaks at this time, All of above was done IAW Diamond & Continental maintenance Manuals, Test Flight required.


 Russell Pelzel
 A&P Pending

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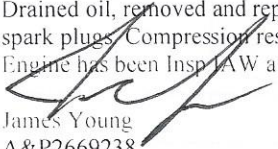
Date 02-14-2013 N144TX TACH 11.3 TT 0.0
 Serviced engine with Phillips 20w-50. Compression results: new eng. C/W Diamond 1000Hr Insp Checklist. I certify this Engine has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.

 James Young
 A&P2669238IA

03-04-13					
TACH 35.5					
ENG TT 99.9 <i>from</i>					

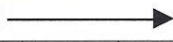
DRAINED OIL, REPLACED OIL FILTER
 SERVICED WITH PHILLIPS 20W-50 ACFT
 Eng oil *J. Young A&P 3629302*

Date 3-14-2013 N144TX TACH 63.3 TT 52.0
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50.
 Cleaned, gapped, tested and rotated spark plugs.

 James Young
 A&P2669238

Date 4-8-2013 N144TX TACH 110.3 TT 99.0
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs. Compression results: 1)74 2)76 3)76 4)75. Replaced Rt mag harness. C/W Diamond 100Hr Insp Checklist. I certify this Engine has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.

 James Young
 A&P2669238

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried forward 

Date 5-10-2013 N144TX TACH 156.0 TT 144.7
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50.
 Cleaned, gapped, tested and rotated spark plugs.
 James Young
 A&P2669238

Date 6-21-2013 N144TX TACH 207.6 TT 196.3
 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs. Compression results: 1)77 2)76 3)79 4)77. C/W Diamond 100Hr Insp Checklist. I certify this Engine has been Insp IAW a 100Hr Insp and was determined to be in an airworthy condition.
 Eric Dixon
 A&P 3617290

Reg: N144TX	Texas State Technical College	Date: 9/5/2013
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2302.8
SN: 1007249	Waco, TX 76705	Tach: 252.5
TTE: 241.2 TSMOH:	Maintenance Record (Engine)	Hobbs: 2911.1

Performed a 50 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs. I certify that this Engine has been inspected in accordance with a 50 HOUR inspection and has been determined to be in airworthy condition
 Dixon, Eric
 3617290

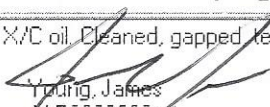
Reg: N144TX	Texas State Technical College	Date: 10/7/2013
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2355.9
SN: 1007249	Waco, TX 76705	Tach: 305.6
TTE: 294.3 TSMOH:	Maintenance Record (Engine)	Hobbs: 2979.8

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Compressions (#1) 76/80; (#2) 76/80; (#3) 76/80; (#4) 76/80. Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested, and rotated spark plugs. See AD list for compliance. 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

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					
Carried forward →					

Reg: N144TX	Texas State Technical College	Date: 11/6/2013
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2410.0
SN: 1007249	Waco, TX 76705	Tach: 359.7
TTE: 348.4 TSMOH: 0.0	Maintenance Record (Engine)	Hobbs: 3046.7

Drainer oil, replaced oil filter and serviced with Phillips 20w50 X/C oil. Cleaned, gapped, tested and rotated spark plugs.



Young, James
A&P2669238

Reg: N144TX	Texas State Technical College	Date: 12/13/2013
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2455.5
SN: 1007249	Waco, TX 76705	Tach: 405.2
TTE: 393.9 TSMOH:	Maintenance Record (Engine)	Hobbs: 3103.3

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Drain oil removed and replaced oil filter p/n CH48108-1. Serviced engine with phillips 20w-50. Removed cleaned gapped and tested sparkplugs. See AD list for compliance.

Compressions (#1) 76/80; (#2) 72/80; (#3) 76/80; (#4) 75/80

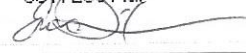
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition


Dixon, Eric
3617290 A&P

Reg: N144TX	Texas State Technical College	Date: 2/6/2014
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2499.4
SN: 1007249	Waco, TX 76705	Tach: 449.1
TTE: 437.8 TSMOH:	Maintenance Record (Engine)	Hobbs: 3158.1

Performed a 50 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual not on file and Part 43 Appendix D. Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50, cleaned, gapped, tested sparkplug.

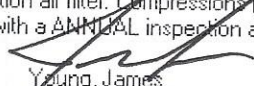
I certify that this Engine has been inspected in accordance with a 50 HOUR inspection and has been determined to be in airworthy condition


Dixon, Eric
3617290 A&P

Reg: N144TX	Texas State Technical College	Date: 3/5/2014
Model: CONT MOTOR IO-240-B32B	3801 Campus Drive	TTA: 2534.0
SN: 1007249	Waco, TX 76705	Tach: 483.7
TTE: 472.4 TSMOH:	Maintenance Record (Engine)	Hobbs: 3202.1

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Drained oil, replaced oil filter and serviced with Phillips 20w50 X/C oil. Cleaned, gapped, tested and rotated spark plugs. Replaced all ex clamp bolts. C/W 500 Hr mag inspection replaced points in right mag. Replaced induction air filter. Compressions (#1) 74/80; (#2) 74/80; (#3) 78/80; (#4) 72/80

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


Young, James
IA 2669238

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					
Carried forward →					

Reg: N144TX Texas State Technical College Date: 12/5/2014
 Model: CONT MOTOR IO-240-B32B 3801 Campus Drive TTA: 2780.2
 SN: 1007249 Waco, TX 76705 Tach: 729.9
 TTE: 707.3 TSMOH: 718.6 **Maintenance Record (Engine)** Hobbs: 3510.9

Drained oil. Removed and replaced oil filter CH48108-1. Serviced engine with 6 QTS Phillips 20W-50. Replaced five splugs RHM38E. Cleaned, gpped, tested, and rotated splugs.

Dixon, Eric
 3617290 A&P



Reg: N144TX Texas State Technical College Date: 2/13/2015
 Model: CONT MOTOR IO-240-B32B 3801 Campus Drive TTA: 2832.5
 SN: 1007249 Waco, TX 76705 Tach: 782.2
 TTE: 759.6 TSMOH: 770.9 **Maintenance Record (Engine)** Hobbs: 3583.0

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix C. Compressions (#1) 70/80; (#2) 70/80; (#3) 74/80; (#4) 70/80. Drained oil and serviced with six quarts of Phillips 20w 50xc and avblend. Removed Filter and checked for metal. None found. Replaced with new ch48108-1. Cleaned and rotated spark plugs. Installed new intake 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 HOUR inspection and has been determined to be in airworthy condition at this time.

Pelzel, Russell
 A&P3684650

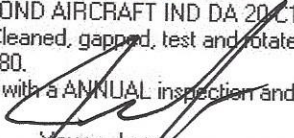


Reg: N144TX Texas State Technical College Date: 3/19/2015
 Model: CONT MOTOR IO-240-B32B 3801 Campus Drive TTA: 2843.1
 SN: 1007249 Waco, TX 76705 Tach: 792.8
 TTE: 770.2 TSMOH: 781.5 **Maintenance Record (Engine)** Hobbs: 3598.1

Performed a ANNUAL inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Drained oil, replaced oil filter and serviced with Phillips 20w50 X/C oil. Cleaned, gapped, test and rotated spark plugs. Replaced induction air filter. Compressions (#1) 69/80; (#2) 70/80; (#3) 72/80; (#4) 78/80.

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

Young, James
 A&P26692381A



Reg: N144TX Texas State Technical College Date: 6/15/2015
 Model: CONT MOTOR IO-240-B32B 3801 Campus Drive TTA: 2890.6
 SN: 1007249 Waco, TX 76705 Tach: 840.3
 TTE: 817.7 TSMOH: 829 **Maintenance Record (Engine)** Hobbs: 3657.3

Drained oil. Removed and replaced oil filter P/N CH48108-1. Serviced engine with phillips 20W-50. Cleaned, gapped, tested, and rotated sparkplugs.

Dixon, Eric
 3617290

