

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: 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.

Thomas Howard

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	

Date 12-10-2012 N107TX TACH 164.7 TT 0.0

Installed this engine on Diamond DA20-C1, N107TX S/N C0310. Reused engine isolator mounts and hardware. Performed fuel system set-up and ground check, no fuel or oil leaks at this time. All work done IAW Diamond & TCM maintenance manuals. Test flight required.

James Young
A&P 2669238

Date 1-16-2013 N107TX TACH 191.8 TT 27.1

Drained oil, replaced oil filter. Serviced with Phillips 20W50 X/C oil. Cleaned, tested and rotated spark plugs. Replaced point kit PN M3637 & condensor PN K3984 in left mag. Reinstalled left mag time to engine. Ground run op's checked good. All work done IAW Champion 4300/6300 manual L-1363F & TCM Link.

James Young
A&P 2669238

Date 1-25-2013 N107TX TACH ~~198.7~~ TT 34.0

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs. Removed engine, replaced crankshaft cluster gear PN 656762, used new bolts on cluster gear & cam gear. Reinstalled eng ground run no leaks at this time. All work done IAW Diamond maintenance manual & Cont IO-240 Overhaul manual from TCM Link.

James Young
A&P 2669238

Date 02-04-2013 N107TX TACH 210.1 SMOH 45.4 TOT 45.4

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs. Compression results: 1)78 2)78 3)78 4)78. 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 MANGINO
A&P 3639302

Date 2/27/2013 N107TX Tach:256.9 TT: 92.2

Drained oil, remove and replaced oil filter p/n CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and and rotated spark plugs.

Russell Peizel
A&P 3684650

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 3-25-2013 N107TX TACH 302.7 TT 138.0

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs. Compression results: 1)77 2)77 3)76 4)74. Installed rebuilt fuel pump PN R-653351-4A5 SN B12IAZ07R, preformed fuel set up, op's checked good. Replaced 4 rocker box gaskets. C/W Diamond 200Hr 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&P26692381A

Date 04-15-2013 N107TX TACH 349.8 TOT 185.1

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced with Phillips 20w50 acft eng oil. Cleaned, gapped, tested and rotated spark plugs

James Mangino
A&P3629302

Date 5-17-2013 N107TX TACH 398.9 TT 234.2

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)78 2)73 3)76 4)79. Replaced starter batt next due 5/15. Check mag timing. 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&P3617290

Date 7-23-2013 N107TX TACH 445.5 TT 280.8

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, tested and rotated spark plugs.

Eric Dixon
A&P 3617290

Reg: N107TX
Model: CONT MOTOR ID-240832B
SN: 1007452
TTE: 333.9 TSMOH:

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 9/18/2013
TTA: 2680.8
Tach: 498.6
Hobbs: 3484.7

Maintenance Record (Engine)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Drained oil, replaced oil filter serviced with Phillips 20w50 X/C oil. Cleaned, tested, gapped and rotated spark plugs. Compressions (#1) 77/80; (#2) 75/80; (#3) 75/80; (#4) 77/80. I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Young, James
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 →					

Model: DIAMOND AIRCRAFT IND INC C
 SN: C0310
 Reg: N107TX

Texas State Technical College
 3801 Campus Drive
 Waco, TX 76705

Date: 9/18/2013
 TTA: 2680.684
 Tach: 498.46
 Hobbs: 3484.47

Maintenance Record (Engine)

Replaced induction air filter.

James Young
 A&P2669238

Reg: N107TX
 Model: CONT MOTOR IO-240B32B
 SN: 1007452
 TTE: 382.1 TSMOH:

Texas State Technical College
 3801 Campus Drive
 Waco, TX 76705

Date: 10/22/2013
 TTA: 2729.0
 Tach: 546.8
 Hobbs: 3547.8

Maintenance Record (Engine)

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-50s. Removed, 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 A&P



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Reg: N107TX
 Model: CONT MOTOR IO-240B32B
 SN: 1007452
 TTE: 433.8 TSMOH:

Texas State Technical College
 3801 Campus Drive
 Waco, TX 76705

Date: 11/21/2013
 TTA: 2780.7
 Tach: 598.5
 Hobbs: 3612.6

Maintenance Record (Engine)

Performed a 100 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. Removed, cleaned, gapped, tested and reinstalled spark plugs. See AD list for compliance.

Compressions (#1) 70/80; (#2) 74/80; (#3) 72/80; (#4) 74/80

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



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					

Reg: N107TX Texas State Technical College Date: 1/21/2014
 Model: CONT MOTOR IO-240B32B 3801 Campus Drive TTA: 2824.5
 SN: 1007452 Waco, TX 76705 Tach: 642.3
 TTE: 477.6 TSMOH: **Maintenance Record (Engine)** Hobbs: 3666.5

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

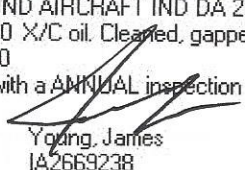
Dixon, Eric
 3617290 A&P



Reg: N107TX Texas State Technical College Date: 3/26/2014
 Model: CONT MOTOR IO-240B32B 3801 Campus Drive TTA: 2880.3
 SN: 1007452 Waco, TX 76705 Tach: 698.1
 TTE: 533.4 TSMOH: **Maintenance Record (Engine)** Hobbs: 3737.2

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. Compressions (#1) 74/80; (#2) 72/80; (#3) 75/80; (#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

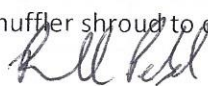
Young, James
 IA2669238



6/9/2014 N107TX Tach: 0744.7

Drained oil removed and replaced oil filter p/n ch48108-1. Serviced with Phillips 20w50 acft eng oil. Cleaned gapped, tested and rotated spark plugs. Replaced scat duct from muffler shroud to cockpit with new scat duct. All Done IAW MM.

Russell Pelzel
 A&P 3684650



Reg: N107TX Texas State Technical College Date: 10/1/2014
 Model: CONT MOTOR IO-240B32B 3801 Campus Drive TTA: 2978.9
 SN: 1007452 Waco, TX 76705 Tach: 796.7
 TTE: 632 TSMOH: 632 **Maintenance Record (Engine)** Hobbs: 3862.9

Performed a 100 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 oil. Cleaned, gapped, tested, and rotated 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



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 →					

Reg: N107TX
Model: CONT MOTOR IO-240B32B
SN: 1007452
TTE: 676.6 TSMOH: 676.6

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 10/29/2014
TTA: 3023.5
Tach: 841.3
Hobbs: 3921.7

Maintenance Record (Engine)

Drained oil. Removed and replaced oil filter. Serviced engine with Phillips 20W-50. Cleaned, gapped, tested, and rotated sparkplugs.

Dixon, Eric
3617290 A&P



Reg: N107TX
Model: CONT MOTOR IO-240B32B
SN: 1007452
TTE: 729.2 TSMOH: 729.2

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

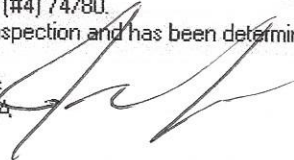
Date: 2/6/2015
TTA: 3076.1
Tach: 893.9
Hobbs: 3991.9

Maintenance Record (Engine)

Performed a ANNUAL/1000 Hr 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 rocker box gaskets, induction air filter. Compressions (#1) 75/80; (#2) 75/80; (#3) 70/80; (#4) 74/80.

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: N107TX
Model: CONT MOTOR IO-240B32B
SN: 1007452
TTE: 774 TSMOH: 774

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 4/15/2015
TTA: 3120.9
Tach: 938.7
Hobbs: 4051.7

Maintenance Record (Engine)

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

Dixon, Eric
3617290 A&P



Reg: N107TX
Model: CONT MOTOR IO-240B32B
SN: 1007452
TTE: 830.7 TSMOH: 830.7

Texas State Technical College
3801 Campus Drive
Waco, TX 76705

Date: 6/11/2015
TTA: 3177.6
Tach: 995.4
Hobbs: 4119.5

Maintenance Record (Engine)

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) 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 HOUR inspection and has been determined to be in airworthy condition.

Pelzel, Russell
A&P3684650

