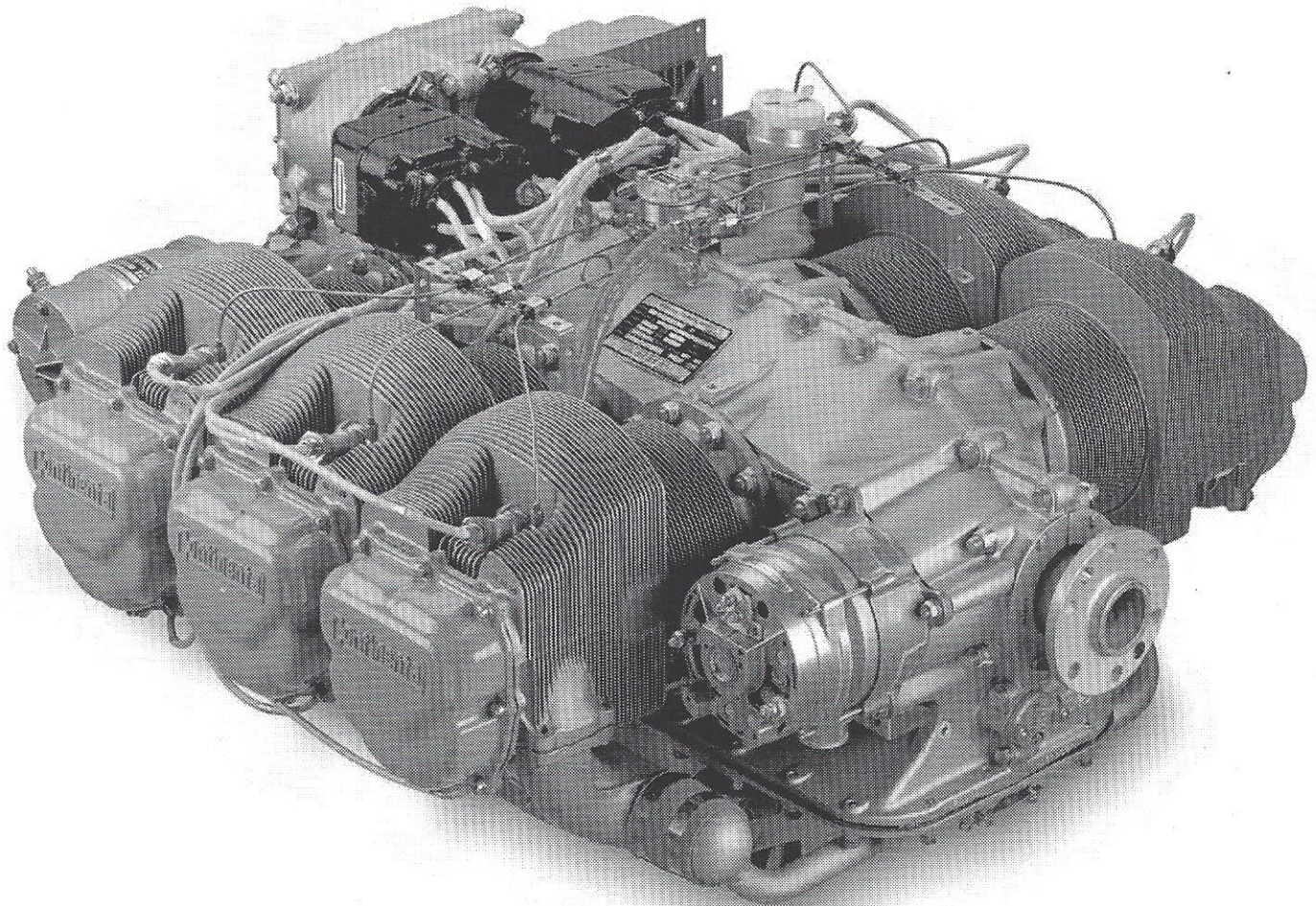


# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**



### Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

### Engine Returns

All returned engines are to be shipped with this log book  
Directly to:

**Engine Return Department  
2039 Broad Street  
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



**Teledyne Continental Motors, Inc.**

**[www.GenuineContinental.aero](http://www.GenuineContinental.aero)**

**Production Certificate 508**

**Printed: 09/09/2010**

**Test Date: 09/08/2010**

This engine model I0240B18B, serial number 1002920 was rebuilt by Teledyne 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 Teledyne Continental Motors Service Bulletins.









Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

Date 1-06-2012 N106TX TACH 232.2 TT 400.1

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs. Replaced vacuum pump garlock seal. Compression results: 1)70 2)70 3)74 4)72. C/W Diamond 100Hr 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 2-17-2012 N106TX TACH 278.3 TOT 446.2

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

James Young  
A&P2669238

Date 3-28-2012 N106TX TACH 333.4 TT 501.3

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50 X/C. Cleaned, gapped, tested and rotated spark plugs. **C/W 500hr mag insp.** Replaced dist block and gear assy in left mag. Installed new right mag PN 4309 SN 09060403. Compression results: 1)76 2)74 3)75 4)74. 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&P 2669238

Date 5-10-2012 N106TX TACH 385.6 TOT 553.5



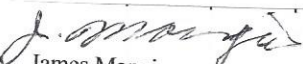

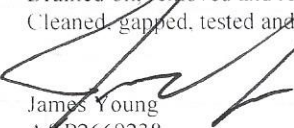
Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs.

Steven McLeod  
A&P 3370601

Date 6-28-2012 N106TX TACH 432.1 TT 600.0

Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50 X/C. Cleaned, gapped, tested and rotated spark plugs. Compression results: 1)70 2)76 3)74 4)74. 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&P 2669238

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
					Date 8-17-2012 N106TX TACH 480.1 TOT 648.0 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs.  Steven McLeod A&P 3370601
					Date 10-17-2012 N106TX TACH 531.8 SMOH 699.7 TOT 699.7 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)74 2)72 3)76 4)74. 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.  Steve McLeod A&P 3370601
					Date 11-08-2012 N106TX TACH 584.8 SMOH 752.7 TOT 752.7 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs.  James Mangino A&P3629302
					Date 11-27-2012 N106TX TACH 631.2 TT 799.1 Drained oil, removed and replaced oil filter P/N CH48108-1. Serviced engine with Phillips 20w-50 X/C. Cleaned, gapped, tested and rotated spark plugs. Compression results: 1)72 2)74 3)73 4)74. 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&P 2669238
					Date 12-19-2012 N106TX TACH 676.2 TT 844.1 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	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

Date 1-25-2013 N106TX TACH 720.1 TT 888.0

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)75 2)71 3)73 4)76. C/W Diamond 100Hr Insp Checklist. I certify this Engine has been Insp IAW an Annual Insp and was determined to be in an airworthy condition.

James Young  
26692381A

Date 1/25/2013 N106TX TACH 720.1 TOT 888.0

Pulled, inspected, and cleaned Starter, Cluster gear, and oil pressure relief valve.

Ops Check good

Russell Pelzel  
A&P Pending

Date: 2/25/2013 N106TX Tach: 771.4 TOT: 939.3

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

Russell Pelzel  
A&P Pending

Date 4-19-2013 N106TX TACH 820.9 TT 988.8

Drained oil, removed and replaced oil filter. Serviced engine with Phillips 20w-50. Cleaned, gapped, and rotated spark plugs. Compression results: 1)70 2)68 3)74 4)73. C/W 500 hr mag insp. replaced points in both mags and distributor block and gear assy in right mag. 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&P26692381A

Date 6-18-2013 N106TX TACH 865.9 TT 1033.8

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

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1089.5 TSMOH:

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 9/12/2013  
 TTA: 3089.1  
 Tach: 920.9  
 Hobbs: 4035.5

### 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, gapped, tested and rotated spark plugs. Compressions (#1) 74/80; (#2) 74/80; (#3) 74/80; (#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

Young, James  
 A&P 2669238

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1137.7 TSMOH:

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 10/14/2013  
 TTA: 3137.3  
 Tach: 969.1  
 Hobbs: 4100.0

### 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 CH4801-1. Serviced engine with Phillips 20w-50. removed, cleaned, tested, gapped, 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: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1186.6 TSMOH:

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 12/9/2013  
 TTA: 3186.2  
 Tach: 1018.0  
 Hobbs: 4163.3

### 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 and serviced with Phillips 20w50 X/C oil. Cleaned, gapped, tested and rotated spark plugs. Replaced induction air filter. Compressions (#1) 76/80; (#2) 74/80; (#3) 74/80; (#4) 72/80  
 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&P 2669238

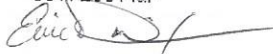


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					

Reg: N106TX	Texas State Technical College	Date: 1/27/2014
Model: CONT MOTOR IO-240 B188	3801 Campus Drive	TTA: 3235.6
SN: 1002920	Waco, TX 76705	Tach: 1067.4
TTE: 1236 TSMOH:	<b>Maintenance Record (Engine)</b>	Hobbs: 4221.8

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: N106TX	Texas State Technical College	Date: 4/11/2014
Model: CONT MOTOR IO-240 B188	3801 Campus Drive	TTA: 3284.9
SN: 1002920	Waco, TX 76705	Tach: 1116.7
TTE: 1285.3 TSMOH:	<b>Maintenance Record (Engine)</b>	Hobbs: 4283.0

Performed a ANNUAL 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 and serviced engine with Phillips 20w-50 oil. Cleaned, gapped, tested, and rotated spark plugs.

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

Mangino, James  
3629302 IA



Reg: N106TX	Texas State Technical College	Date: 7/3/2014
Model: CONT MOTOR IO-240 B188	3801 Campus Drive	TTA: 3333.2
SN: 1002920	Waco, TX 76705	Tach: 1165.0
TTE: 1333.6 TSMOH:	<b>Maintenance Record (Engine)</b>	Hobbs: 4341.8

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: N106TX	Texas State Technical College	Date: 9/26/2014
Model: CONT MOTOR IO-240 B188	3801 Campus Drive	TTA: 3384.1
SN: 1002920	Waco, TX 76705	Tach: 1215.9
TTE: 1384.5 TSMOH: 1384.5	<b>Maintenance Record (Engine)</b>	Hobbs: 4407.0

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Compressions (#1) 71/80; (#2) 77/80; (#3) 71/80; (#4) 70/80. Drained oil and serviced with 6 quarts Phillips 20w 50 Replaced oil filter with new CH48108-1. Cleaned and rotated spark plugs.

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

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1427.1 TSMOH: 1427.1

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 10/29/2014  
 TTA: 3426.7  
 Tach: 1258.5  
 Hobbs: 4461.8

### 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

*[Signature]*

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1483.4 TSMOH: 1483.4

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 1/8/2015  
 TTA: 3483.0  
 Tach: 1314.8  
 Hobbs: 4536.3

### Maintenance Record (Engine)

Performed a 100 HOUR inspection in accordance with DIAMOND AIRCRAFT IND DA 20-C1 maintenance manual and Part 43 Appendix D. Compressions (#1) 70/80; (#2) 72/80; (#3) 70/80; (#4) 74/80 Drained oil and serviced with 6 quarts phillips x/c 20w-50. Removed oil filter and checked for metal (none found). Replaced oil filter with new ch48108-1. Cleaned, rotated and gapped spark plugs. Performed 500hr mag inspection. Replaced points on left and right mag replaced gaskets and timed mags. All done IAW MM. I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

*[Signature]*  
 Pelzel, Russell

A+P 3654650

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1539.9 TSMOH: 1539.9

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 2/16/2015  
 TTA: 3539.5  
 Tach: 1371.3  
 Hobbs: 4611.0

### Maintenance Record (Engine)

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

*[Signature]*  
 Young, James  
 A&P2669238

Reg: N106TX  
 Model: CONT MOTOR IO-240 B18B  
 SN: 1002920  
 TTE: 1580.8 TSMOH: 1580.8

Texas State Technical College  
 3801 Campus Drive  
 Waco, TX 76705

Date: 5/1/2015  
 TTA: 3580.4  
 Tach: 1412.2  
 Hobbs: 4663.4

### Maintenance Record (Engine)

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 rocker box gaskets. Removed fuel pump PN 653351-4A5 SN B10HA096R for overhaul by Aircraft Carb and Injection Services and reinstalled. Set up fuel system IAW SID 97-3F. Compressions (#1) 72/80; (#2) 74/80; (#3) 74/80; (#4) 75/80. I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

*[Signature]*  
 Young, James  
 A&P2669238IA