

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: 7/16/2013

Test Date: 7/15/2013

This engine model 0470R74B, serial number 1008739 was manufactured 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	

8-25-13 N21536 ENG S/N 1008739 3687.0 TACH ENG TT 0.0
 THIS ENGINE INSTALLED IN CESSNA 182P N21536 AT 3687.0 ACFT T.T.
 SERVICED ENGINE WITH AEROSHELL 100 MINERAL OIL. INSTALLED
 McCAULEY PROP P/N 2AF34C201-C, S/N 745100 (TSO 0.0). PRE-OILED
 ENGINE. INSTALLED NEW SPARK PLUGS. RAN & CHECKED OPERATION &
 CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE. COMPLETED TEST
 FLIGHT.



BOBBY R. MEADOWS

A&P 2041383

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930

9-19-14 N21536 ENG S/N 1008739 3751.6 TACH ENG TSN 64.6 ACFT TT 3751.6
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
 FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH CESSNA 182
 INSPECTION GUIDE. INSTALLED NEW INTAKE AIR FILTER P/N BA8103-1. DUE TO BEING CRACKED,
 REMOVED CARBURETOR INTAKE AIRBOX P/N 0750144-21 & SENT FOR REPAIR. AFTER REPAIRS,
 REINSTALLED CARBURETOR INTAKE AIRBOX P/N 0750144-21. COMPLETED COMPRESSION CHECK @ 80
 PSI AS FOLLOWS: # 1 - 71; # 2 - 73; # 3 - 74; # 4 - 74; # 5 - 70; # 6 - 76. CHANGED ENGINE OIL. SERVICED
 ENGINE WITH AEROSHELL 100W PLUS OIL. INSPECTED & REPLACED ENGINE OIL FILTER P/N CH48108-1.
 INSPECTED, CLEANED, GAPPED & TESTED ALL SPARK PLUGS. INSPECTED & TESTED ALL SPARK PLUG
 LEADS. INSPECTED MAGNETOS. CHECKED TIMING ON MAGNETOS. MAGNETOS TIMED @ 22°. CLEANED &
 INSPECTED CARBURETOR SCREEN. AD 2014-05-29 SUPERIOR AIR PARTS INC. INVESTMENT CAST
 CYLINDER ASSY DUE. C/W & WAS FOUND TO BE N/A - NEW ENGINE INSTALLED ON 8-25-2013 - CYLINDERS
 HAVE NOT BEEN REPLACED. WASHED ENGINE EXTERNALLY. LUBED CONTROLS. RAN & CHECKED
 OPERATION & CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE. ALL WORK PERFORMED IAW
 CESSNA 182P MAINTENANCE MANUAL.



BOBBY R. MEADOWS

A&P 2041383

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	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				

11-1-2015 N21536 ENG S/N 1008739 3806.4 TACH ENG TSN 119.4 ACFT TT 3806.4
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH CESSNA 182 INSPECTION GUIDE. INSTALLED NEW INTAKE AIR FILTER P/N BA8103-1. COMPLETED COMPRESSION CHECK @ 80 PSI AS FOLLOWS: # 1 - 50; # 2 - 72; # 3 - 72; # 4 - 72; # 5 - 72; # 6 - 70. #1 CYLINDER INDICATED AN EXHAUST LEAK. REMOVED CYLINDER AND FOUND EXHAUST VALVE TO BE CARBON FOULED ON SEAT. LAPPED VALVE SEAT AND CHECKED SEATING. REINSTALLED #1 CYLINDER WITH NEW BASE SEAL P/N 532200, NEW PUSH ROD HOUSING SEALS P/N 534610, INTAKE GASKET P/N 649959, EXHAUST GASKETS P/N 652458 & INTAKE HOSES P/N 654439-1. VERIFIED VALVE CLEARANCES TO BE .080 INT., .110 EXH. COMPRESSION CHECK ON # 1 CYLINDER SHOWED TO BE 76/80 PSI. CHANGED ENGINE OIL. SERVICED ENGINE WITH AEROSHELL 100W PLUS OIL. INSPECTED & REPLACED ENGINE OIL FILTER P/N CH48108-1. INSPECTED, CLEANED, GAPPED & TESTED ALL SPARK PLUGS. INSPECTED & TESTED ALL SPARK PLUG LEADS. INSPECTED MAGNETOS. CHECKED TIMING ON MAGNETOS & WAS FOUND TO BE 23 DEGREES. RETIMED MAGNETOS TO 22°. CLEANED & INSPECTED CARBURETOR SCREEN. WASHED ENGINE EXTERNALLY. LUBED CONTROLS. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE.



BOBBY R. MEADOWS

A&P 2041383

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930

1-8-2017 N21536 ENG S/N 1008739 3844.4 TACH ENG TSN 157.4 ACFT TT 3844.4
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH CESSNA 182 INSPECTION GUIDE. COMPLETED COMPRESSION CHECK @ 80 PSI AS FOLLOWS: # 1 - 63; # 2 - 64; # 3 - 72; # 4 - 72; # 5 - 72; # 6 - 70. CHANGED ENGINE OIL. SERVICED ENGINE WITH AEROSHELL 100W PLUS OIL. INSPECTED & REPLACED ENGINE OIL FILTER P/N CH48108-1. INSPECTED, CLEANED, GAPPED & TESTED ALL SPARK PLUGS. INSPECTED & TESTED ALL SPARK PLUG LEADS. INSPECTED MAGNETOS. CHECKED TIMING ON MAGNETOS & WAS FOUND TO BE 23 DEGREES ON LEFT MAGNETO & 24 DEGREES ON RT MAGNETO. RETIMED MAGNETOS TO 22° BTDC. CLEANED & INSPECTED CARBURETOR INLET SCREEN. REINSTALLED CARBURETOR INLET SCREEN WITH NEW GASKET P/N 16A48. AD 2016-16-12 ECI CLASS 71 OR CLASS 76 CYLINDER ASSY, PREVENT CYLINDER FAILURES INSPECTION DUE. C/W & WAS FOUND TO BE N/A TO INSTALLED CYLINDERS. WASHED ENGINE EXTERNALLY. LUBED CONTROLS. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE. ALL WORK PERFORMED IAW CESSNA 182P MAINTENANCE MANUAL.



BOBBY R. MEADOWS A&P 2041383 IA

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930

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 →					

3-1-2018 N21536 ENG S/N 1008739 3878.5 TACH ENG TSN 191.5 ACFT TT 3878.5

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH CESSNA 182 INSPECTION GUIDE. COMPLETED COMPRESSION CHECK @ 80 PSI AS FOLLOWS: # 1 - 60; # 2 - 72; # 3 - 70; # 4 - 70; # 5 - 72; # 6 - 70. CHANGED ENGINE OIL. SERVICED ENGINE WITH AEROSHELL 100W PLUS OIL. INSPECTED & REPLACED ENGINE OIL FILTER P/N CH48108-1. INSPECTED, CLEANED, GAPPED & TESTED ALL SPARK PLUGS. INSPECTED & TESTED ALL SPARK PLUG LEADS. INSPECTED MAGNETOS. CHECKED TIMING ON MAGNETOS. ADJUSTED TIMING AS REQUIRED. RETIMED RT MAGNETO TO 22° BTDC. CLEANED & INSPECTED CARBURETOR INLET SCREEN. REINSTALLED CARBURETOR INLET SCREEN WITH NEW GASKET P/N M16A48. WASHED ENGINE EXTERNALLY. LUBED CONTROLS. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE. ALL WORK PERFORMED IAW CESSNA 182P MAINTENANCE MANUAL.

Bobby R Meadows

BOBBY R. MEADOWS A&P 2041383 IA

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930

4-11-19 N21536 ENG S/N 1008739 3919.2 TACH ENG TSN 232.2 ACFT TT 3919.2

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. COMPLETED INSPECTION IN ACCORDANCE WITH CESSNA 182 INSPECTION GUIDE. COMPLETED COMPRESSION CHECK @ 80 PSI AS FOLLOWS: # 1 - 66; # 2 - 66; # 3 - 66; # 4 - 70; # 5 - 74; # 6 - 72. CHANGED ENGINE OIL. SERVICED ENGINE WITH AEROSHELL 100W PLUS OIL. INSPECTED & REPLACED ENGINE OIL FILTER P/N CH48108-1. INSPECTED, CLEANED, GAPPED & TESTED ALL SPARK PLUGS. INSPECTED & TESTED ALL SPARK PLUG LEADS. INSPECTED MAGNETOS. CHECKED TIMING ON MAGNETOS. ADJUSTED TIMING AS REQUIRED. RETIMED BOTH MAGNETOS TO 22° BTDC. CLEANED & INSPECTED CARBURETOR INLET SCREEN. REINSTALLED CARBURETOR INLET SCREEN WITH NEW GASKET P/N MC16-A48. WASHED ENGINE EXTERNALLY. LUBED CONTROLS. RAN & CHECKED OPERATION & CHECKED FOR LEAKS. ADJUSTED IDLE & IDLE MIXTURE.

Bobby R Meadows

BOBBY R. MEADOWS A&P 2041383 IA

B&M AIRCRAFT SERVICES, LLC 322 AIRPORT RD GREENWOOD, MS 38930