

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 documents 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
 1-251-436-8299 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:

Continental Motors, Inc.
 Factory Service Center
 8600 County Road 32
 Fairhope, Alabama 36532 USA

ENGINE MODEL IO-550-G10B
ENGINE SERIAL NUMBER 1012434
AIRCRAFT MODEL Mooney M20R
AIRCRAFT SERIAL NUMBER 29-0524
AIRCRAFT REGISTRATION NUMBER N2011T

USE ONLY FUEL SPECIFIED IN OPERATOR'S MANUAL OR TYPE CERTIFICATE DATA SHEET USE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors
 FAA PRODUCTION CERTIFICATE NO. 508

Printed: 07/16/2015
 Test Date: 07/15/2015

This engine model IO550G10B, serial number 1012434 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


Thomas Howard

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

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	
					<p>Mooney International Corporation Repair Station CRS# 8MBR609C 165 Al Mooney Road, North Kerrville, TX 78028</p> <p>N2011T M/N M20R S/N 29-0524 Hobbs Time: 12.0</p> <p>IAW with STC SA02193CH IO-550-G was converted to IO-550-G-PL by installing McCauley prop governor model C-290-D3/T20, s/n 150168 to increase RPM to 2700 for 310 HP. Supplemental engine data plate 550G001 was placed by the original data plate and stamped IO-550-G-PL, 310 HP, and 2700 RPM. Performed function check and no defects noted. Completed FAA form 337. Placed supplement in the aircraft POH. The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order No. 0059.</p> <p>Signature <i>Stacy Ellis</i> Mooney International Corporation CRS# 8MBR609C Date 12/06/2016</p> <p>Mooney International Corporation Repair Station CRS# 8MBR609C 165 Al Mooney Road, North Kerrville, TX 78028</p> <p>N2011T M/N M20R S/N 29-0524 Hobbs Time: 19.7 G1000 Time: 22.4</p> <p>Changed oil and filter. Cut open filter and no metal found. Service with 8 qts of Phillips 20W50 and new CH48109-1 oil filter. Washed engine and ground run. No leaks found. The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order No. 0063.</p> <p>Signature <i>Stacy Ellis</i> Mooney International Corporation CRS# 8MBR609C Date 01/16/2017</p>
					<p>03-30-17 Tach 050.4 N2011T</p> <p>Change oil and filter, refill with Phillips 20w50. Inspect oil filter, ok. Aircraft ground run ok and found to be satisfactory for service.</p> <p>James M. Chrestensen III AP 3507385 <i>James M. Chrestensen III</i></p>

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					
<p>ENGINE MODEL: IO550G Don Maxwell Aviation Services, Inc. DATE: 12/21/2017 ENGINE S/N: 1012434 A/C TSN: 136.6 REG. NO: N2011T 390 Central Road ENG TT: 136.6 WORK ORDER Longview, Tx 75603 TSMOH: 136.6 2668-11-2017 Phone: 903-643-9902 TACH: 106.6</p> <p>Engine Entries (3) Check engine for leaks. Clean & gapped plugs. Serviced injectors. Check mag timing & security. Check intake tubes for leakage. Check exhaust system for leaks.... (4) Change oil & filter with Phillips XC 20W-50 & CH48108-1 oil filter... (5) Compression Check #1-73, #2-73, #3-74, #4-78, #5-76, #6-73</p> <p>I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition. Don Maxwell A&P 1734050</p> <p>DATE: 12/21/2017 SIGNED: <i>Don Maxwell</i> Work Order: 2668-11-2017 Printed by EBis 3 (datcomedia.com)</p>					
<p>ENGINE MODEL: IO550G Don Maxwell Aviation Services, Inc. DATE: 1/2/2019 ENGINE S/N: 1012434 A/C TSN: 136.6 REG. NO: N2011T 390 Central Road ENG TT: 136.6 WORK ORDER Longview, Tx 75603 TSMOH: 136.6 2879-12-2018 Phone: 903-643-9902 TACH: 136.6</p> <p>Engine Entries (3) Check engine for leaks. Clean & gapped plugs. Serviced injectors. Check mag timing & security. Check intake tubes for leakage. Check exhaust system for leaks.... (4) Change oil & filter with Phillips XC 20W-50 & CH48108-1 oil filter... (5) Compression Check #1-76, #2-76, #3-72, #4-76, #5-74, #6-73... (7) 500 Hr Magneto inspection due at 500TT</p> <p>I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition. Don Maxwell A&P 1784050</p> <p>DATE: 1/2/2019 SIGNED: <i>Don Maxwell</i> Work Order: 2879-12-2018 Printed by EBis 3 (datcomedia.com)</p>					
<p>06-19-2019 Aircraft: N2011T, Mooney M20 Ovation 3, S/N: 29-0524 Engine Time: 171.8 hours</p> <p>Drained engine oil, removed Champion oil filter P/N CH48108-1. Cut filter and inspected for metal. No metal found. Installed, torqued and safetied new Champion oil filter P/N CH48108-1. Serviced engine with 7.5 quarts of Philips XC 20W50 oil. Ran engine and checked for leaks. No leaks noted. END OF LOG ENTRY</p> <p>Neil Trimm, Commercial Pilot <i>Neil Trimm</i> Cert# 3967386</p>					
<p>ENGINE MODEL: IO550G Don Maxwell Aviation Services, Inc. DATE: 10/17/2019 ENGINE S/N: 1012434 A/C TSN: 222.2 REG. NO: N2011T 390 Central Road ENG TT: 222.2 WORK ORDER Longview, Tx 75603 TSMOH: 222.2 3076-10-2019 Phone: 903-643-9902 TACH: 222.2</p> <p>Engine Entries (1) Drained oil and collected AOA oil sample. Serviced engine w/ 7 quarts Phillips X/C 20W50 & Champion filter element CH48108-1.... (2) Adjust RPM for 2700</p> <p>Don Maxwell 1764050 A&P</p> <p>DATE: 10/17/2019 SIGNED: <i>Don Maxwell</i> Work Order: 3076-10-2019 Printed by EBis 3 (datcomedia.com)</p>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Car					
<p>ENGINE MODEL: IO550G Don Maxwell Aviation Services, Inc. DATE: 12/20/2019 ENGINE S/N: 1012434 A/C TSN: 243.4 REG. NO: N2011T 390 Central Road ENG TT: 243.4 WORK ORDER Longview, Tx 75603 TSMOH: 243.4 3111-12-2019 Phone: 903-643-9902 TACH: 243.4</p> <p>Engine Entries (3) Check engine for leaks. Clean & gapped plugs. Serviced injectors. Check mag timing & security. Check intake tubes for leakage. Check exhaust system for leaks.... (4) Change oil & filter with Champion filter CH48108-1 & 8 quarts Phillips X/C 20W50... (5) Compression Check #1-72, #2-74, #3-70, #4-74, #5-76, #6-72... (25) Replaced all rocker cover gaskets w/ New silicone FAA PMA gaskets P/N: RG-632459... (26) Installed new muffler & heater shroud</p> <p>I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition. Don Maxwell A&P 1734050</p> <p>DATE: 12/20/2019 SIGNED: <i>Don Maxwell</i> Work Order: 3111-12-2019 Printed by EBis 3 (datcomedia.com)</p>					
<p style="text-align: right;">Ocean Air Center, LLC 514 Hangar Lane Corpus Christi, TX 78406</p> <p style="text-align: center;"></p> <p>ENGINE LOG: TCM IO-550-G-PL SN: 1012434 Engine Hours: 286.6 Date: May 20, 2020</p> <p>Drained oil and installed new CH48108-1 filter. Cut and inspected old filter, no defects noted. Obtained SOAP sample. Serviced engine with 8 quarts of Phillips X/C 20W50 oil. Washed engine with solvent. Ground ran engine, no leaks noted.</p> <p>Signature <i>Neil Trimm</i> A&P 2736731</p>					
<p>ENGINE MODEL: IO550G Don Maxwell Aviation Services, Inc. DATE: 10/20/2020 ENGINE S/N: 1012434 A/C TSN: 373.9 REG. NO: N2011T 390 Central Road ENG TT: 373.9 WORK ORDER Longview, Tx 75603 TSMOH: 373.9 3308-10-2020 Phone: 903-643-9902 TACH: 373.9</p> <p>Engine Entries (3) Check engine for leaks. Clean & gapped plugs. Serviced injectors. Check mag timing & security. Check intake tubes for leakage. Check exhaust system for leaks.... (4) Change oil & filter with 8 qts of Phillips X/C 20w50, Ch48108-1 oil filter. Oil sample taken. Washed and ran engine for leak check. No problems noted.... (5) Compression Check is as follows: #1-74, #2-75, #3-74, #4-74, #5-75, #6-76</p> <p>I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition. Don Maxwell A&P 1784050</p> <p>DATE: 10/20/2020 SIGNED: <i>Don Maxwell</i> Work Order: 3308-10-2020 Printed by EBis 3 (datcomedia.com)</p>					