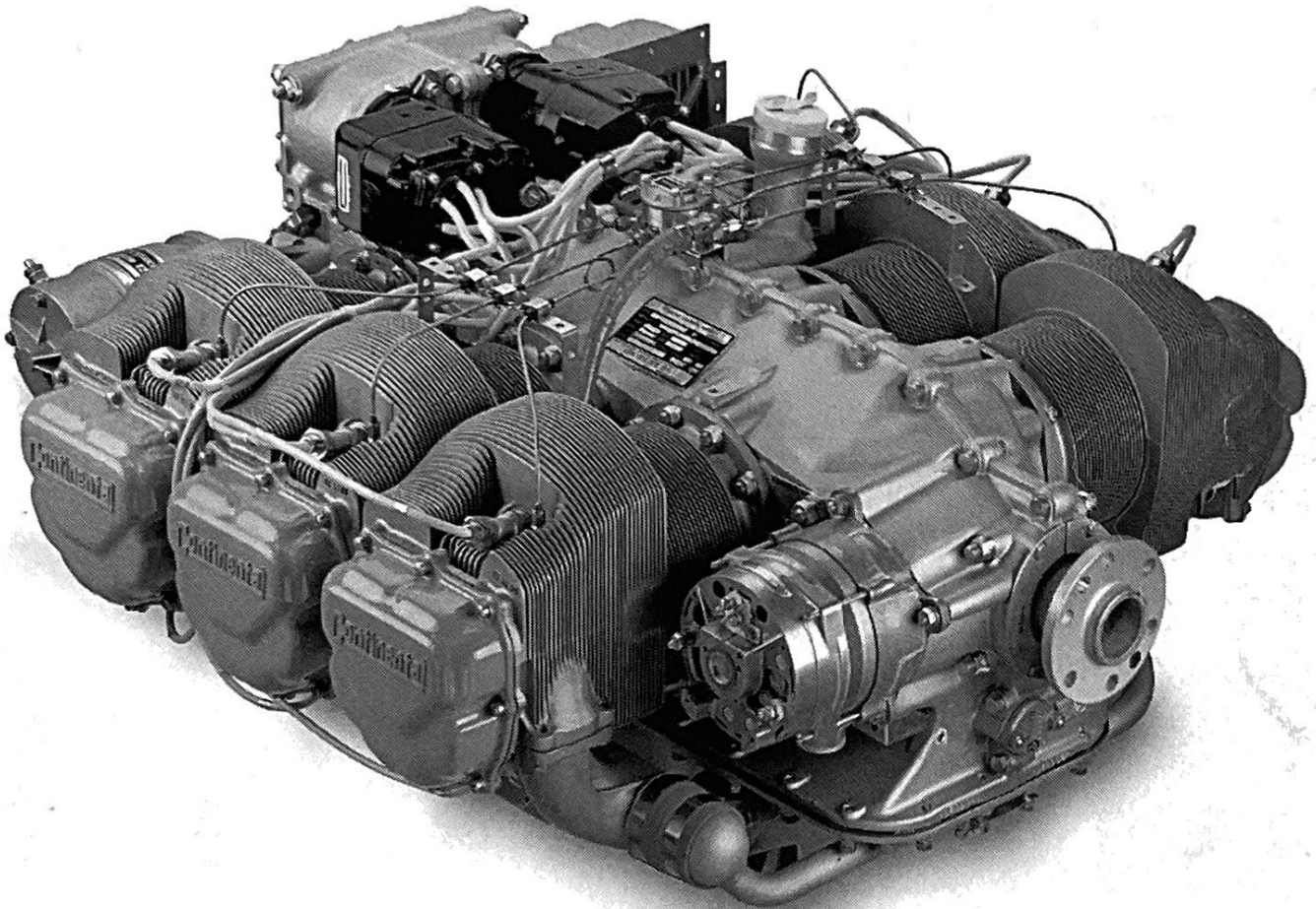
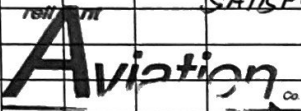

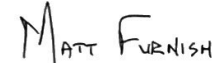



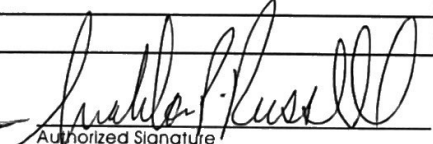
# ENGINE LOG BOOK




**Teledyne Continental Motors, Inc.**



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
1/5/04					
Brought Forward	→				
1/5/04	170	2	170	2	CHANGED OIL + FILTER ADDED 8.75 AEROSHELL 15W50 WASHED ENG. OIL WITH MINERAL SPIRITS, CRD RUN-UP SATISFACTORY, AXP 372 446961 June 9 Campbell
 					
<b>MOONEY AIRPLANE COMPANY, INC.</b> <b>ENGINE LOGBOOK</b> DATE: 06/23/04 S/N: 29-0302 TTENG: 288.1 REG#: N1036R REMOVED ENGINE, S/N 685042, FROM AIRCRAFT S/N 29-0302, TAIL NUMBER N1036R, FOR ENGINE TEARDOWN AND LIGHTNING STRIKE INSPECTION. DETAILS ON FILE UNDER WO# 517-05-2004. END.  <b>MATT FURNISH</b> <b>MOONEY AIRPLANE COMPANY, INC.</b> <b>CRS# MPYR456X</b>					

MAKE	TCM	MODEL	10-550-G	SERIAL No./N No.	685042
TOTAL TIME	288.1	TACH READING		DATE	16 AUG 04
ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. ENGINE TEST CELL RUN OK THIS DATE AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.					
 					
<b>TELEDYNE MATTITUCK SERVICES, INC.</b> FAA Repair Station T10R507Y W.O. No. 31138					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
<b>MOONEY AIRPLANE COMPANY, INC.</b> <b>ENGINE LOGBOOK</b> DATE: 09/07/04 S/N: 29-0302 HM: 292.0 REG#: N1036R REINSTALLED ENGINE, S/N 685042, ONTO AIRCRAFT S/N 29-0302, TAIL NUMBER N1036R AFTER OUTSIDE REPAIR BY TELEDYNE MATTITUCK SERVICES, CRS# T10R507Y. PERFORMED ANNUAL INSPECTION IAW MOONEY ANNUAL/100-HOUR INSPECTION GUIDE. CHECKED CYLINDER COMPRESSION: #1-76/80 #2-75/80 #3-74/80 #4-76/80 #5-74/80 #6-74/80. PERFORMED ENGINE SETUP IN ACCORDANCE WITH MOONEY SERVICE MANUAL. ADJUSTED ENGINE OIL PRESSURE IN ACCORDANCE WITH MOONEY SERVICE MANUAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. DETAILS ON FILE UNDER WO# 0298. END.  <b>MATT FURNISH</b> <b>MOONEY AIRPLANE COMPANY, INC.</b> <b>CRS# MPYR456X</b>					
21FEB2005					N1036R M20R S/N 29-0302 336.4 HOBBS IO-550-G(6) S/N 685042 ENG. TT 336.4 PROP. MODEL PHC-J3YF-1RF S/N 3067B PROP. TT 44.4 hr. CHANGED OIL AND FILTER CH48109-1. SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC. RUN UP, FUNCTIONAL/OPERATIONAL & LEAK CHECK SATISFACTORY. J.KELLINGTON AP2661995
15 MAY 2005					N1036R M20R S/N 29-0302 371.0 HOBBS IO-550-G(6) S/N 685042 ENG. TT 371.0 PROP. MODEL PHC-J3YF-1RF S/N 3067B PROP. TT 79.0 hr. CHANGED OIL AND FILTER CH48109-1. SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC. RUN UP, FUNCTIONAL/OPERATIONAL & LEAK CHECK SATISFACTORY. J.KELLINGTON AP2661995
9 DEC 2005					N1036R M20R S/N 29-0302 410.6 A/F TT IO-550-G(6) S/N 685042 ENG. TT 410.6 hr HARTZELL PHC-J3YF-1RF S/N FP3067B PROP. TT 118.6 hr PROP. TSNew 118.6 hr LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS. INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECK. CHANGED OIL AND FILTER CH48109-1. SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC. TESTED IGNITION LEADS, CLEANED AND GAPPED SPARK PLUGS. CHECKED MAGNETO TIMING. COMPRESSION CHECK #1 72/80 #2 76/80 #3 75/80 #4 70/80 #5 71/80 #6 71/80. REPLACED ENGINE MOUNT WITH NEW (p/n 590050-501) A/D 2005-12-06 MAGNETO IMPULSE COUPLING FAILURE P/C/W DATA PLATE STAMPED "A" per MSB 645. A/D 2004-08-10 POSSIBLE ENGINE FAILURE. N/A, RAM STC NOT INSTALLED C/W A/D 84-26-02 PAPER INDUCTION AIR FILTERS BY VISUAL INSP NEXT DUE @ 500hr A/F TT (replacement), recurring ea 100hr, replace due ea 500hr.) RUN UP, LEAK CHECK AND OPERATIONAL CHECKS SATISFACTORY. A/D'S THRU 2005-23 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. J. KELLINGTON AP 2661995

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.		
Brought Forward						
9 FEB 2007	1036R	M20R	S/N 29-0302	454 6 A/F TT		
IO-550-G(6)	S/N 685042	ENG TT 454 6hr.	ENG TSNew 454 6hr			
HARTZELL PHC-J3YF-1RF	S/N FP3067B	PROP. TT 162 6hr.	PROP TSNew 162 6hr.			
<p>LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECK CHANGED OIL and FILTER CH48109-1. SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC TESTED IGNITION LEADS, CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL INJECTORS. CHECKED MAGNETO TIMING. COMPRESSION CHECK #1 74/80 #2 75/80 #3 75/80 #4 77/80 #5 70/80 #6 75/80. C/W A.D. 84-26-02 PAPER INDUCTION AIR FILTERS by REPLACEMENT NEXT DUE INSPECTION @ 550hr. REPLACEMENT NEXT DUE @ 1000hr A/F TT (recurring ea 100hr, replace due ea 500hr)</p> <p>RUN UP, LEAK CHECK AND OPERATIONAL CHECKS SATISFACTORY. A.D. 'S THRU 2007-05.</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>J KELLINGTON <i>[Signature]</i> AP 2661995</p>						
<p>25 February 2008 N1036R M 20R S/N 29-0302 493 7 A/F TT</p> <p>IO-550-G 6 S/N 685042 ENG TT 493.7 ENG. TSN 493.7</p> <p>LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS. INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECKS. TESTED IGNITION LEADS. CLEANED AND GAPPED SPARKPLUGS. CHANGED OIL WITH 8 QTS. EXXON 20/50WT OIL. CHANGED OIL FILTER WITH CH48109-1. SPLIT OLD FILTER AND NO METAL FOUND. COMPRESSION CHECK. 1. 73/80 2. 70/80 3. 74/80 4. 72/80 5. 74/80 6. 75/80 CHECKED MAG TIMING INSPECTED PAPER INDUCTION AIR FILTER. AD 84-26-02. RUN UP AND LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>RICHARD RANHEIM <i>[Signature]</i> AP2782108</p>						
<p>10 FEB 2009 N1036R M 20R S/N 29-0302 537 8 A/F TT</p> <p>IO-550-G 6 S/N 685042 ENG TT 537.8 ENG. TSN 537.8</p> <p>LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECKS. TESTED IGNITION LEADS. CLEANED AND GAPPED SPARKPLUGS. CHANGED OIL WITH 8 QTS. EXXON 20/50WT OIL. CHANGED OIL FILTER WITH CH48109-1. SPLIT OLD FILTER AND NO METAL FOUND. COMPRESSION CHECK. 1. 73/80 2. 72/80 3. 75/80 4. 76/80 5. 74/80 6. 75/80 CHECKED MAG TIMING INSPECTED PAPER INDUCTION AIR FILTER. AD 84-26-02. RUN UP AND LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOR THE RETURN TO SERVICE.</p> <p>RICHARD RANHEIM <i>[Signature]</i> AP2782108</p>						

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.		
Brought Forward						
<p>10 FEB 2010 N1036R M 20R S/N 29-0302 557 8 A/F TT</p> <p>IO-550-G 6 S/N 685042 ENG TT 557.8 ENG. TSN 557.8</p> <p>LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECKS. TESTED IGNITION LEADS. CLEANED AND GAPPED SPARKPLUGS. CHANGED OIL WITH 8 QTS. EXXON 20/50WT OIL. CHANGED OIL FILTER WITH CH48109-1. SPLIT OLD FILTER AND NO METAL FOUND. COMPRESSION CHECK. 1. 76/80 2. 74/80 3. 75/80 4. 74/80 5. 74/80 6. 75/80 CHECKED MAG TIMING INSPECTED PAPER INDUCTION AIR FILTER. AD 84-26-02. AD09-24-52 HYD. LIFTER, N/A BY P/N. AD09-16-03 CYL. ASSY N/A BY P/N. RUN UP AND LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOR THE RETURN TO SERVICE.</p> <p>RICHARD RANHEIM <i>[Signature]</i> AP2782108</p>						
<p>Engine: TCM IO-550-G(6)</p> <p>S/N: 685042</p> <p>AMR SERVICES INC.</p> <p>N1036R</p> <p>Engine TSN: 589.1</p> <p>Feb.15, 2011</p> <p>Tach. Time: 589.1</p> <p>Performed the following maintenance:</p> <ol style="list-style-type: none"> <li>1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual.</li> <li>2. Performed a Differential Compression Check with the following results: Cylinders #1 74/80, #2 74/80, #3 75/80, #4 74/80, #5 74/80, #6 74/80.</li> <li>3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.</li> <li>4. Verified the magneto-to-engine timing, found satisfactory.</li> <li>5. Removed and cleaned fuel injectors. Installed, leak checked ok.</li> <li>6. AD 2009-16-03 N/A. SAP cylinders not installed.</li> <li>7. AD 2010-11-04 is N/A. No engine work done after June 19, 2009.</li> <li>8. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.</li> </ol> <p>This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.</p> <p>Authorized Signature: <i>[Signature]</i></p> <p>Richard Ranheim 2782108 IA</p> <p>End</p>						
<p>Engine: TCM IO-550-G(6)</p> <p>S/N: 685042</p> <p>AMR SERVICES INC.</p> <p>N1036R</p> <p>Engine TSN: 614.4</p> <p>March 13, 2012</p> <p>Tach. Time: 614.4</p> <p>Performed the following maintenance:</p> <ol style="list-style-type: none"> <li>1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual.</li> <li>2. Performed a Differential Compression Check with the following results: Cylinders #1 74/80, #2 71/80, #3 71/80, #4 74/80, #5 68/80, #6 75/80.</li> <li>3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.</li> <li>4. Verified the magneto-to-engine timing, found satisfactory.</li> <li>5. Replaced 10 valve cover gaskets.</li> <li>6. Removed oil cooler and sent to Pacific Oil Cooler for overhaul. Installed after O/H. Leak checked OK.</li> <li>7. Removed and cleaned fuel injectors. Installed, leak checked ok.</li> <li>8. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.</li> </ol> <p>This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.</p> <p>Authorized Signature: <i>[Signature]</i></p> <p>Richard Ranheim 2782108 IA</p> <p>End</p>						



Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 631.6

Feb. 15, 2013

Tach. Time: 631.6

**Record**

Inspections,

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 72/80, #2 72/80, #3 74/80, #4 70/80, #5 72/80, #6 74/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Ron Dass AP 470847011 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 648.1

Feb. 26, 2014

Tach. Time: 648.1

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 73/80, #2 75/80, #3 72/80, #4 73/80, #5 71/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon Elite.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 663.5

3/24/2015

Tach. Time: 663.5

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 74/80, #2 75/80, #3 72/80, #4 73/80, #5 74/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon Elite.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 680.4

3/29/2016

Tach. Time: 680.4

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 73/80, #2 75/80, #3 74/80, #4 73/80, #5 74/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon Elite.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 708.4

April 15, 2017

Tach. Time: 708.4

**Record**

Inspections,

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 75/80, #2 74/80, #3 74/80, #4 76/80, #5 73/80, #6 74/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 724.2

6/19/2018

Tach. Time: 724.2

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 75/80, #2 75/80, #3 74/80, #4 75/80, #5 75/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon Elite.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 750.8

Aug. 18, 2019

Tach. Time: 750.8

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 73/80, #2 73/80, #3 75/80, #4 74/80, #5 74/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.
4. Verified the magneto-to-engine timing, found satisfactory.
5. Removed and cleaned fuel injectors. Installed, leak check ok.
6. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End

Engine: TCM IO-550-G(6)  
S/N: 685042

**AMR SERVICES INC.**

N1036R

Engine TSN: 758.8

Aug. 3, 2020

Tach. Time: 758.8

**Performed the following maintenance:**

1. Complied with an **Annual Inspection** referencing the Mooney M20R Maintenance Manual.
2. Performed a Differential Compression Check with the following results: Cylinders #1 74/80, #2 74/80, #3 75/80, #4 74/80, #5 72/80, #6 75/80.
3. Performed oil and filter change. CH48109-1 filter and replenished with 8 qts. of Exxon 20W/50.
4. Verified the magneto-to-engine timing, found ok.
5. Removed and cleaned fuel injectors. Installed, leak checked ok.
6. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory.

This engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Authorized Signature: 

Richard J. Ranheim 2782108 IA

End



**Dal** N1036R October 13, 2023 Mooney M20R S/N 29-0302 Hobbs: 1,097.9 Total Time: 1,097.9 Oil change completed. Installed a new Tempest AA48108-2 filter and serviced with six quarts Phillips X/C 20W50 oil. Oil analysis sample taken and sent to lab. Ground run performed with no defects noted. Reinstalled the cowling. The engine is returned to service.

**Brought Forward** Charles A. Kemper  
3470895 A&P

N1036R  
Hobbs: 1131.6  
ETT: 1131.6



01/17/2024  
Continental IO-550-G6  
s/n: 685042

Engine log

Cascade Aircraft Management Inc.

Complied with an annual inspection in accordance with Mooney 100 Hr -Annual inspection checklist form 0100 dated 02/2007. Ads researched through 01/17/2024 using current Vervon subscription. AD 2023-04-08 (02/17/2023) intake valve failure verified affected valves not installed. Compressions: #1 57/80, #2 73/80, #3 68/80, #4 77/80, #5 71/80, #6 63/80. Drained engine oil. Cut and inspected oil filter. No contaminants found. Installed new CH48108 oil filter. Serviced engine with 6Q Phillips 20W50 X/C oil. Run up leak check good. I certify this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Joseph Tway 3682026 A&P I/A

**N1036R May 14, 2024** Mooney M20R S/N 29-0302 Hobbs: 1,169.5 Total Time: 1,169.5 Oil change completed. Installed a new Tempest AA48108-2 filter and serviced with seven quarts Phillips X/C 20W50 oil. Oil analysis sample taken and sent to lab. Ground run performed with no defects noted. Improved the lower engine breather clamp with rubber from an aviation grade WDG adel clamp for a firm grip on the line. The gap between the breather assembly and the hard line inboard along the firewall was small both before and after the work, but there was no wear. Added a small piece of silicone baffling material as an additional precaution against potential chafing. Reinstalled the cowling. The engine is returned to service.

Charles A. Kemper  
3470895 A&P

**N1036R June 25, 2024** Mooney M20R S/N 29-0302 Hobbs: 1,183.0, Total Time: 1,183.0. #5 cylinder CHT indicating warmest, but the engine ran smoothly. Performed compression (71/80), basic boroscope and visual inspection of the #5 cylinder and baffling, cleaned the fuel injector (very slight contamination) and installed new seals on this injector with no other cylinder defects noted. Replaced the intake gasket at the cylinder. Heat tested the #3 and #5 probes simultaneously with a heat gun and found the #5 read more than 100 degrees F hotter. Installed a new JPI 5050 probe in the #5 location and retested with normal results. Installed the probes and secured/protected the sensing wires. Installed the cowling. The engine is returned to service.

Charles A. Kemper  
3470895 A&P

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
N1036R	Hobbs: 1215.9		ETT: 1215.9		01/23/2025 Continental IO-550-G6 s/n: 685042
<p>Engine log</p> <p>Cascade Aircraft Management Inc.</p>					
<p>Complied with an annual inspection in accordance with Mooney 100 Hr -Annual inspection checklist form 0100 dated 02/2007. Ads researched through 01/23/2025 using current Vervon subscription. AD 2023-04-08 (02/17/2023) intake valve failure verified affected valves not installed. Compressions: #1 56/80, #2 56/80, #3 64/80, #4 66/80, #5 62/80, #6 61/80. Drained engine oil. Cut and inspected oil filter. No contaminants found. Installed new CH48108 oil filter. Serviced engine with 7Q Phillips 20W50 X/C oil and 1 pint of Avblend. Run up leak check good. I certify this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p>					
Joseph Tway 3682026 A&P I/A					
<p><b>Date:</b> 07/17/2025 <b>Hours:</b> Hobbs: 1266.4</p> <p><b>Tail#:</b> N1036R</p> <p><b>Make:</b> Mooney <b>Model:</b> M20R <b>S/N:</b> 29-0302</p> <p>Change engine oil and filter. Service with Phillips XC 20W50. All work performed per 14 CFR Chapter 1 Subchapter C Part 43.13.</p>					
<p>Bill Beauchamp Yellowstone Aviation</p> <p>Cert: 4858669 Sign: <i>Bill Beauchamp</i></p>					