



The Standard

AIRCRAFT LOG


ASA-SA-1

PAINT COLOR INFORMATION

N 21786 SN 29-0194
TOP COLOR Pearl White COLOR NO. TP-10010 MFG Devin
ACCENT COLOR Black Velvet COLOR NO. MP-10684 MFG Williams
STRIPES Titanium COLOR NO. HT-10619 MFG Williams
BOTTOM WING Columbia Blue COLOR NO. HR-10712 MFG Williams



MOONEY AIRCRAFT CORPORATION
LOUIS SCHREIBER FIELD
KERRVILLE, TEXAS 78603

 The Standard
AIRCRAFT LOG

ASA-S4-1

PAINT

TOF The Standard Aircraft Log
SA-1
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STRI ISBN 1-56027-164-7
BOTT ASA-SA-1

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Published By
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7005 132nd Place SE
Newcastle, WA 98006-3153
Printed in Canada



Aircraft Record General Information

Manufacturer MOONEY Aircraft Corp Model M20R
Serial 29-0194 Registration Number N21786
Date of Manufacture 1999
Engine(s) currently installed:
Manufacturer Continental Model TIO-550-G(W) Serial 67944
Propeller(s) currently installed:
Manufacturer McCaughey Model _____
HUB Model 3A32C4181 Serial 990213 Serial _____
Blade Model 82NRC-9 Serial 5k106 Serial 5k109 Serial SG736

Registered Owner Record

Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____

Notes

WARNING
- THIS PROPELLER HAS BEEN DYNAMICALLY BALANCED -

Each aircraft has an engine/propeller imbalance and amplitude different than others due to manufacturing tolerances in engine and/or propeller.

Dynamic balancing is not required but smoother operation will result when the engine & propeller are balanced as an integral unit.

Propellers that have been dynamically balanced require special consideration when any maintenance is to be done on the engine or propeller. There are balance weights bolted to the spinner bulkhead and these may require removal, depending upon the maintenance action being done. If the propeller is replaced or overhauled the weights shall BE REMOVED from the spinner bulkhead prior to engine start up.

It is at the owner's discretion to have the propeller/engine combination dynamically balanced after maintenance which may disturb the original balanced condition. Use of a Chadwick Helmuth dynamic balancing system is recommended but may not be the only means to accomplish this balance condition.

Mooney Aircraft Corp.

PROPERTY
SERIAL NO. 154

YEAR: 1999	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8-6-99			5.3	PRODUCTION FLIGHT TEST COMPLETED THIS DATE. THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY. <i>Mark R. Bishop 567371682</i>
8-23-99			6.4	THIS AIRCRAFT HAS BEEN FLIGHT TESTED IN ACCORDANCE WITH MOONEY AIRCRAFT SPECIFICATION 020009 AND FOUND SATISFACTORY. <i>Mark R. Bishop</i>

For FAA ACO ASN 150

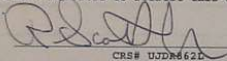
YEAR: 1999	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8-23-99			6.4	The GPS Navigation System, Make <u>KING</u> Model <u>KLN895</u> installed in this Aircraft has been Ground/Flight tested in accordance with Mooney Aircraft Specification 020009, and is approved for use under instrument Flight Rules, Enroute and Non-Precision approaches only. Signed: <i>Mark R. Bishop</i> Mooney Aircraft Corporation

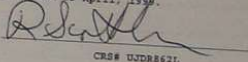
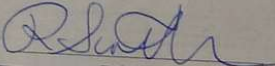
AUTHORISED BY: [Signature]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I certify that the altimeter tested to 35,000 feet on 7/6/99 and Static System tests required by FAR 91.411 have been performed.
				MOONEY AIRCRAFT CORP. TC 2A3 PC11SW MOONEY AIRCRAFT CORP. TC 2A3 PC11SW
				By: <u>[Signature]</u> 8/13/99
				I certify that the encoding altimeter tests required by FAR 91.217(b) have been performed.
				MOONEY AIRCRAFT CORP. TC 2A3 PC11SW
				By: <u>[Signature]</u> 8/13/99
				I find that the aircraft meets the requirements for the certification requested and have issued a (Standard) Airworthiness Certificate Dated 8/23/99. The next Annual Inspection is due 8/23/00.
				SIGNED: <u>[Signature]</u> DANIE THURLEIGH SW
				TOTAL TIME: 6.4 Hours

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				CRS#: UJDR62L AERODYNAMICS of Reading, Inc. 104B West Apron Drive Reading, PA 19605
				11/10/99 N21786 M2OR A/C TT: 23.5
				MO# 26356 MOONEY S/N: 29-0194 NOBS:
				1AV. M3 APPROACH GPS/AL 13333 Remove Bendix/King KLN898 GPS system from aircraft & prepare for installation of Northstar M3 Approach GPS System. Install Northstar M3 Approach GPS System IAW Installation Manual Part. No. 08611 Rev. D, dated March 25, 1998. Wt. & Bal. modified to reflect this change. System installed VFR pending IFR certification. Reference FAA Form 337. IFR certification completed - see 337 in POH.
				2AV. NORTHSTAR GPS 60/AP 11576 Installed Northstar GPS 60 System IAW Installation Manual P/N 08454, Rev. B, dated August 4, 1995. GPS 60 is installed stand alone VFR unit, not connected to other aircraft equipment. Wt. & Bal. modified to reflect this installation. Reference FAA Form 337.
				3AV. SKYMAP 111C/N/A Install provisions for customer's Skymap 111C portable gps. Connected Skymap power cord thru 1 amp. circuit breaker marked MAP to aircraft A+ & ground wire to airframe ground. This is a minor alteration.
				(Continued next page)

ATTACHED TO THIS PAGE

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				<p>4AV. BOSE ADAPTERS/N/A Installed pilot & co-pilot Bose headset adapters with circuit breakers IAW Bose installation instructions.</p> <p>5AV. STORMSCOPE/JCP09902294 Installed customer supplied B.F. Goodrich WX-950 Stormscope display IAW B.F. Goodrich WX-950 Installation Manual 009-10950-001 (Rev.B) dated 23 April, 1999. System placarded inop. at present time due to antenna not being available. Wt. & Bal. modified to reflect this installation.</p> <p>6AV. SKYMAP IIIC/N/A Installed circuit breaker & connector for Skymap IIIC portable GPS IAW Allied Signal installation instructions. This is a minor alteration.</p> <p>7AV. J.P.I. EGT/CHT/10694 Installed J.P. Instruments EDM-700 E.G.T/C.H.T. system per STCSA2586NM IAW FAA Approved Installation Manual for the EGT-701 # 103 dated 6/17/99 for EDM-700/800. Wt. & Bal. modified to reflect this installation. Reference FAA Form 337.</p> <p>8AV. SHADIN MINIFLO-L/8406 Install customer supplied Shadin Miniflo-L connected to harness in aircraft installed by Mooney Corp. as an aircraft option. System connected to Northstar M 3 Approach GPS thru Shadin 930510 converter. Wt. & Bal. modified to reflect this installation. This is a minor alteration.</p>
				 CRS# UJDR862L

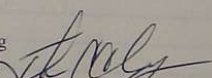
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations												
DATE				<p>1AV. WX950 ANTENNA/N/R Installed B.F. Goodrich WX950 stormscope antenna & checked operation IAW B.F. Goodrich WX950 Installation Manual P/N 009-10950-001 (Rev.B) dated 23 April, 1999.</p>												
				 CRS# UJDR862L												
				<table border="0"> <tr> <td>CRS# UJDR862L</td> <td>11/22/99</td> <td>WOW# 26096</td> </tr> <tr> <td>AERODYNAMICS of Reading, Inc.</td> <td>N21786</td> <td>MOONEY</td> </tr> <tr> <td>104B West Apron Drive</td> <td>M20R</td> <td>S/N: 25-0194</td> </tr> <tr> <td>Reading, PA 19605</td> <td>A/C TT: 25.7</td> <td>NOBBS:</td> </tr> </table>	CRS# UJDR862L	11/22/99	WOW# 26096	AERODYNAMICS of Reading, Inc.	N21786	MOONEY	104B West Apron Drive	M20R	S/N: 25-0194	Reading, PA 19605	A/C TT: 25.7	NOBBS:
CRS# UJDR862L	11/22/99	WOW# 26096														
AERODYNAMICS of Reading, Inc.	N21786	MOONEY														
104B West Apron Drive	M20R	S/N: 25-0194														
Reading, PA 19605	A/C TT: 25.7	NOBBS:														
				<p>1AV. NORTHSTAR M3 GPS/N/A Test fly aircraft with pilot & IFA certify system. All checks ok.</p>												
				 CRS# UJDR862L												

AUTHORIZED
 4893 APR 99

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2000				
DATE				
3/12	28:3	4082		Removed existing aircraft batteries and installed two new Gell 3-243 type - Lt. side #1 SN G01900674 - Rt. side #2 SN G01900675 Elec. system performed normal at run-up. William C. Robbins CRS# DY1R103K
5-3-00				Removed GPS system, NUSS NAV/comm/pos #1 system, installed GNS430 ip/96307279 system in its place. WOP# 23326, 337 form F.A.D. Revised Weight & Balance Revised GPS not approved for IFR at this time. CRS# DYTR 262K
				08914 (Sig) P. Collins

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p>MOONEY AIRCRAFT CORP AIRFRAME LOGBOOK</p> <p>DATE: 09-11-2000 HM: 63.9</p> <p>S/N: 29-0194 REG: N21786</p> <p>COMPLIED WITH MOONEY AIRCRAFT CORP. SERVICE BULLETIN M20-273, REPAIRED AIRFRAME IAW MOONEY AIRCRAFT CORP. RIVET REPAIR DRAWING #20021, REV. B. NO FURTHER REPETITIVE INSPECTIONS REQUIRED. SEE FAA DISCREPANCY REPORT #01908. ANNUAL INSPECTION COMPLETED THIS DATE. REPLACED VACUUM REGULATOR CARTER FILTER. REPLACED FULL CAP D-RINGS. SERVICED BRAKE RESERVOIR. REPLACED RH TAXI LIGHT. REMOVED WX-950 STORM SCOPE DISPLAY, SENT TO BE GOODRICH FOR REPAIR. REPLACED CO-PILOTS MAP LIGHT BULB. ADJUSTED ALTERNATE AIR DOOR MAGNET. REPLACED INDUCTION BUXT P/N 000276-001. REPLACED STATIC WICKS AS NECESSARY. RE-PAINTED AIRCRAFT AS NECESSARY. REPLACED CHT PROBE. SWUNG COMPASS AND INSTALLED NEW CORRECTION CARD. INSPECTED ELT IAW FAR 91.207(d). I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WOP#11224, END.</p> <p>St. M. Moore MOONEY AIRCRAFT CORP. CRS# FH2R820K</p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other example entries)
DATE				AIRFRAME LOG
				N21786 DATE:9-30-2001 TACH:81.3
				*Replaced Nav Light Bulbs both tips
				*Lubed all FLT Control Rod Ends and Hinges
				*Lubed landing gear
				*Replaced ELT Batteries - NEXT DUE 10/02
				*C/W FAR Part 91.207(d)ELT Test
				The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.
				
				John C. Clegg IA261764891

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other example entries)
DATE				AIRFRAME LOG
				N21786 DATE:10-13-2002 TACH:98.3
				*Lubed all FLT Control Rod Ends and Hinges
				*Lubed landing gear
				*Cleaned central gyro filter
				*Replaced ELT Batteries - NEXT DUE 10/03
				*C/W FAR Part 91.207(d)ELT Test
				The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.
				
				John C. Clegg IA261764891

AUTHORIZED PERSONNEL ONLY
 1-800-541-4674

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairer (see specific entries.)

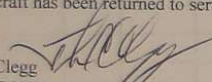
AIRFRAME LOG

N21786 DATE:3-15-2003 TACH:111.3

*Replaced Both Main Tires

The Maintenance above was performed in accordance with applicable airworthiness standards. This Aircraft has been returned to service.

John C. Clegg
A&P261764891



YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairer (see specific entries.)

AIRFRAME LOG

N21786 DATE: 12-1-03 HOBBS: 116.3

*Ck'ed control rods & linkage

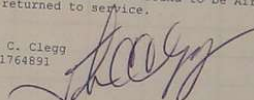
*Cleaned and Serviced Battery

*C/W FAR Part 91.207(d) ELT Inspection

*C/W AD76-07-12 Ign. Switch function ck.

The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.

John C. Clegg
IA261764891



YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2004				
1/6/04	117.7			<p>BOCA AVIATION AIRFRAME LOGBOOK ENTRY Model: MOONEY OVATION S/N 29-0194 N21786 DATE: 01/06/04 TIME: HOBBS: 117.7 MAINTENANCE ITEMS CW 1. REMOVED, RESEALED AND REINSTALLED LEFT AND RIGHT BRAKE MASTER CYLINDER S/A-W. MM CHAP. 52. SERVICED BRAKE SYSTEM. 2. AIRCRAFT WAS OPS AND LEAK CHECKED. OPS AND LEAK CHECKED.</p> <p>THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AT THIS TIME. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK # 14751</p> <p>MIKE MURRELL FOR BOCA AVIATION CRS #LCP0230 <i>Mike Murrell</i></p>

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2004				
9/10				<p>LONDON AIRCRAFT SERVICE CENTER, INC 150 Aviation Drive South Naples, Florida 34104 TEL: (239) 643-4468</p> <p>REG. N21786 MODEL: M20P S/N: 29-0194 HM: 150.4 DATE: 9/10/04</p> <p>Rewired WX-950 heading input from stepper to XYZ servo. System ramp checked good END</p> <p>Work Order # SO9239A Signature: <i>Britt Avel</i> CRS# L3HR317N</p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p align="center">AIRFRAME LOG</p> <p>N21786 DATE: 1/01/05 HOBBS: 155.1</p> <p>*Retraction test & Lubed Landing Gear *Checked Push rods & Rod ends *Replaced Induction Filter *Installed New Vacuum Filter *C/W FAR Part 91.207(d) ELT Inspection The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.</p> <p align="right">John C. Clegg IA261764891</p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p align="center">CORROSIONX TREATMENT CENTER</p> <p align="center">BEST AVIATION INC</p> <p align="center">2/2/05 TREATMENT DATE</p> <p align="center">N^o 13300 N21786 AIRCRAFT SN OR N NUMBER</p> <p><small>I certify that this aircraft has been treated with CorrosionX (MSI-C-81309E) to stop and prevent corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Re-treating is recommended when corrosion is determined by either time or visual inspection.</small></p> <p align="right">188406591 A & P NUMBER</p> <p align="center">TECHNICIAN'S SIGNATURE</p>

AUTHORITY



TROPIC RADIO INC.
 2695 N. W. 56TH ST. HANGER 53-D
 FT. LAUDERDALE, FL 33309
 FAA APPROVED REPAIR STATION #RZAR510M
 FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAM"™
 PHONE: 954-776-4030



Make and Model UNITED ALTIMETER Serial No: 407720
 Part No: 8834PA-3
 Customer: ONE NATIONAL AIR SALES Date: Jan 31, 2006
 Inspected By: me
 The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service.
 Altimeter Calibrated to 25,000 Ft. LA W. FAR PART 43, APP. E, (b) (FAR 91.411)
 Pertinent details of this inspection are on file at this Agency under Work Order # 7103
 Authorized Representative: Mark S. Anderson
 Date: Jan 31, 2006

SERVICEABLE

and Alterations
 Certificate Number of Technician or Repair

UNITING WAS IDENTIFIED
 ENDIX F (FAR91.413)
 HIS TEST IS ON FILE
2006

STATION # RZAR510M

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
DATE			

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AIRFRAME LOG
N21786 DATE: 2/01/06 HOBBS: 193.1

- *Retraction test & Lubed Landing Gear
 - *Checked Push rods & Rod ends
 - *Serviced Hyd. Fluid
 - *CW FAR Part 91.207(g) ELT Inspection
- The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.

John C. Clegg
 John C. Clegg
 IA261764891

AUTHORIZED AIRFRAME LOG

CERTIFICATION EXPIRES ON Jan 31, 2008

YEAR: _____ **RECORDING TACH TIME:** _____ **TODAY'S FLIGHT:** _____ **TOTAL TIME IN SERVICE:** _____

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: _____

MOEY Mooney
 MODEL M20H
 S/N 26-174
 REG. NO. 21785
 NCO# 96024
 34-59-093

Premier Aircraft Service, Inc.
 5540 SW 23rd Avenue Hanger 14
 Fort Lauderdale, FL 33309
 Phone (954) 534-2393

DATE 1/08/2005
 AC TKN
 HOURS 1537T

Airframe Entries
 REMOVED FUEL BOOST PUMP REGULATOR FOR REPAIR. REINSTALLED AFTER REPAIR
 OPERATIONAL CHECK 0000

This aircraft/engine is approved for return to service with reference to work performed on this WIO on this date.

DATE 1/08/2005 SIGNED *Ray Bismery* Work Order: 354-09-2005
 Ray Bismery, A&P 45428566 Printed by EBis 3 (elbismedia.com)

YEAR: _____ **RECORDING TACH TIME:** _____ **TODAY'S FLIGHT:** _____ **TOTAL TIME IN SERVICE:** _____

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: _____

MOEY Mooney
 MODEL M20H
 S/N 26-174
 REG. NO. 21785
 NCO# 96024
 34-59-093

Premier Aircraft Service, Inc.
 5540 SW 23rd Avenue Hanger 14
 Fort Lauderdale, FL 33309
 Phone (954) 534-2393

DATE 8/25/2006
 AC TKN
 HOURS 2064

Airframe Entries
 REMOVED AND REPLACED MIXTURE CABLE WITH NEW P/N 860228-005, RIGGED CABLE IAW MOONEY MM.

This aircraft/engine is approved for return to service with reference to work performed on this WIO on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRCRAFT FITNESS.

DATE 8/25/2006 SIGNED *Eddie Roberts* Work Order: 802-06-2006
 Eddie Roberts, A&P 00132660 Printed by EBis 3 (elbismedia.com)

AUTHORIZED
 MOEY AIRCRAFT SERVICE

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	or Repair
DATE					
				AIRFRAME LOG N21786 DATE: 4/1/2007 HOBBS: 222.0 *Performed Gear swing - System Normal *C/W Annual Avionics & Autopilot ops ck *Lubed Landing Gear *Ck'ed & Lubed Rod ends & Bell cranks *Cleared Sump Drain *C/W FAR: Part 91.207(d) The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service. <i>John C. Clegg</i> John C. Clegg IA261764891	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	or Repair
DATE					
				ENGINE LOG N21786 DATE: 4/1/07 HOBBS:222.0 *Changed Oil & Filter Kqta Aeroshell 100W *Gapped and tested spark plugs *Compression 1.70 2.72 3.74 4.72 5.72 6.74/80 Cold *Cleared Air Filter The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Engine has been found to be Airworthy and returned to service. John C. Clegg IA261764891 <i>John C. Clegg</i>	

AIRFRAME LOG
 ENGINE LOG

ADVANCED AIRCRAFT CENTER, INC.
 1430 SW 12th Street
 Miami, Florida 33136
 Phone: 305-255-8300
 Fax: 305-255-8301

DATE: 10/20/08
 Manufacturer: Mooney

Total Time: 2467
 Rec'd: 122R

Set No: 293194
 Reg: N11785

AIRCRAFT MAINTENANCE NOTES

1. INSTALL NEW LEFT MAIN & OXIGEN TYRE. P/N: 070-314-0

MAINTENANCE RELEASE
 THE AIRFRAME IDENTIFIED ABOVE WAS INSPECTED AND APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND APPROVED FOR RETURN TO SERVICE. AUTHORITY DETAILS OF THE REPAIR ARE ON FILE UNDER WORK ORDER NO. 4807088. DATE: 24/09/08

SIGNATURE OF AUTHORIZED REPRESENTATIVE: PETER J LO BELLO APTM 0388A

Annual Inspection: Airframe

Engine S/N: 679414 Hobbs: 252.2
 Date: May 30, 2008

Inspected and lubed rod ends and push rods
 Landing gear operation tested and lubed landing gear
 Replaced nose wheel tire with 5.00 X5.6 ply tire
 Inspected and lubed all control services
 Installed new vacuum filter P/N CV1J4 IAW STC #SA289CH
 Replaced ELT batteries and tested IAW FAR 91.207 (d)

I certify that this airframe has been inspected IAW an annual inspection and was determined to be in airworthy condition.

Michael H. Hutz A&P 570558740 IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<p>CV1J4 FILTER INSTALLATION RECORD <small>(INCLUDE WITH A/C MAINTENANCE RECORDS)</small></p> <p>A/C "N" No. <u>N21786</u> ¹⁴⁰⁸⁵ A/C TACH: <u>252.2</u></p> <p>ENGINE: <input checked="" type="checkbox"/> SINGLE <input type="checkbox"/> L/H <input type="checkbox"/> R/H</p> <p>DATE INSTALLED: <u>5/30/08</u> INSTALLED BY: _____</p> <p>AEROTECH COMPONENTS FAA-PMA Ser No: 003397</p>

AUTHORIZED REPRESENTATIVE
 PETER J LO BELLO

YEAR: _____ DATE: _____

N21786 Mooney M20R DATE: 11-02-09

SIN: 29-0167
 TACH: 290.1 TOTAL TIME: 290.1
 ENG TT: 290.1 ENG TSMOH: 290.1
 PROP TT: 290.1 PROP TSMOH: 290.1

Complied with **Annual Inspection.**

Description of Work Performed: Serviced tires, batteries and hydraulic fluid. Lubed landing gear, wheel bearings and control surfaces. Replaced vacuum regulator filter. Removed and replaced right wing rear facing night light with new P/N: A508-28 bulb. Repaired broken vacuum hose. **Complied with ELT 91.207 inspection.**

Airworthiness Directives: Checked through Nov. 2009. None due.

This **Airframe** has been inspected in accordance with an Annual Inspection as per FAR 43, Appendix D and 91.409, and found to be in Airworthy Condition.

Michael H. Hutz, A&P 5770558740 IA

Repairs and Alterations
 and Certificate Number of Technician or Repair Person.)

YEAR:	RECORDING	TODAY'S
DATE:	TACH	FLIGHT
	TIME	

LOGBOOK
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 SIGNATURE
 TROPIC
 FT. LAU
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 TELEPH
 Inspected By
 KT 76
 5934
 KHL 35



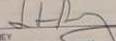
TROPIC RADIO INC.
 2005 N. W. 56TH ST. HANGERS 53-A
 FT. LAUDERDALE, FL 33309
 FAA APPROVED REPAIR STATION #RZARS18M
 FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAM"
 PHONE: 954-776-4030

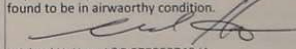


Make and Model	UNITED ALTIMETER	
Part No.	593428-3	Serial No. 407720
Customer	BOXA NAT AK	
Inspected By	MPH	Date NOV 05 09
The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service. Altimeter Calibrated to 20,000 FL I.A.W. FAR PART 43, APP E,(b) (FAR 91.411) Pertinent details of this inspection are on file at this Agency under Work Order #2445		
Authorized Representative	Mora B. Alencar	
Date	NOV 05, 2009	

CERTIFICATION EXPIRES ON NOV 30, 2011

SERVICEABLE
 PARTS SERVICE
 CORPORATION

YEAR:	RECORDING TACH TIME			DATE: 6/21/2010
		MAKE: Mooney	Premier Aircraft Service, Inc.	ACT 784
		MODEL: M20R	Repair Station No. CRS # 0PRR402	100865.3182
		S/N: 29-0194	0540 NW 23rd Avenue Hanger 14	
		REG. NO: 21796	Pt of Lauderdale, FL 33009	
		WORK ORDER:	Phone: (954) 334-2303	
		3711-06-2010		
Airframe Entries				
		(1) REPLACED LIGHT SOCKET AND LAMP ON RIGHT NAV LIGHT IAW MOONEY MM CH33 OPS CHECK GOOD PARTS SUPPLIED BY CUSTOMER. (2) REMOVED TURN COORDINATOR INSTRUMENT P/N 13641100-32. S/N 9902-25 AND INSTALLED OVERHAULED INSTRUMENT P/N 13641100-32 S/N 008-11431 IAW MOONEY M20R. (3) TROUBLESHOT MASTER SWITCH SYSTEM AND REPLACED BATTERY #1 RELAY WITH NEW P/N 26 57 01. OPS CHECKED GOOD. (4) TROUBLESHOT ALTERNATOR SYSTEM AND REPLACED ALTERNATOR ASSY WITH REBUILT ALTERNATOR P/N 64054RL. (5) DOUGADMR IAW M20R MM CH 24-31-01. (6) REPLACED RIGHT MAIN TIRE WITH NEW P/N MICHELLEN 600X65RPLY S/N DOB6ADMR IAW M20R MM CH 32-40-00. (7) REPLACED RIGHT BRAKE LININGS WITH NEW P/N 066-105 IAW MOONEY MM CH 32-40-00.		
		MAINTENANCE RELEASE - IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND/OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.		
		SIGNED: 	Work Order: 3711-06-2010	
		DATE: 6/21/2010	JONATHAN RANNEY Certified Repair Station No. CRS # 0PRR402	Printed by EBa 3 (datcomeda.com)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N21786 DATE: 02-18-2011
				Mooney M20R S/N: 29-0194
				Hobbs: 338.6 Total Time: 338.6 Eng TT: 338.6 ENG TSMOH: NA Prop TT: 338.6 PKOP TSMOH: NA
				Complied with ANNUAL INSPECTION
				Description of work performed: Serviced tires, batteries, and hydraulic fluid. Lubed landing gear, wheel bearings and control surfaces. Replaced vacuum regulator filter. Removed and replaced right wing strobe light with new Wheelen A610.
				Complied with ELT 91.207 inspection ELT batteries next due: 02-2013
				Airworthiness Directives: None Checked through Feb 2011
				This AIRFRAME has been inspected IAW an Annual Inspection as per FAR 43, appendix D and 91.409 and found to be in airworthy condition.
				 Michael H. Hutz A&P 570558740 IA

Airframe Section
 3711-06-2010

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	YEAR	RECORDING	TODAY'S	TOTAL	Description of	
				<p>N21786 DATE: 03-23-2012 Airframe S/N: 29-0194</p> <p>HOBBS: 370.0 TOTAL TIME: 370.0</p> <p>Complied with Annual Inspection.</p> <p>Description of Work Performed: Serviced tires & battery. Lubed landing gear, wheel bearings and control surfaces. Replaced in-line and regulator vacuum filters. Replaced Left Main Tire with 6.00x6 ply tire. Replaced brake linings left main brake. Replaced Left Main brake "O" rings in caliper. Brake system ops check good.</p> <p>Complied with ELT 91.207.D inspection.</p> <p>battery replacement due 02/2013</p> <p>Airworthiness Directives: AD 2012-05-09 Complied W/ per Mooney SB M20-313A No defects noted.</p> <p>I certify that this Airframe has been inspected in accordance with an Annual inspection and found to be in Airworthy Condition.</p> <p><i>(Signature)</i></p> <p>Michael H. Hutz A&P 2689145 IA</p>						<p>Sarasota Avionics East 2633 Lantana Road, Bldg. 214, Lantana, FL 33462 Invoice: 931665 May 3, 2013 N21786 Mooney M20R S/N: 29-0194 Hobbs: 401.7</p> <p>Altimeter 5934PA-3 (S/N: 407728) has been tested to an # E of 14 CFR 43. Altitude reporting system AK350 (S/N: 714 CFR 43, and calibration is in compliance with 14CFR5 tested, inspected and found to comply with App F of 14 C tested and inspected in accordance with 14CFR 91.411 A manuals and acceptable methods and techniques. Weight 50611, dated 05/03/13, by Nathan E. Hernandez for Sarasota Avionics East CRS# USER284B.</p> <p><i>(Handwritten Signature)</i></p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Supplemental Log Entry
Airframe Annual Inspection

Reg: N21786
Date: 5/24/13

Model: M20R
Tach: 401.9

S/N: 29-0194
ACFTT: 401.9

Performed Annual Inspection in accordance with FAR Part 43, appendix "D. Aircraft FAA Re-Registration Due 01/2015. Complied with all applicable AD's thru 2013-10. AD84-26-02. Induction Air Filter, Due at 500.0 or on condition. Performed Annual ELT Inspection IAW FAR Part 91.207(d). Removed and Replaced ELT Transmitter Batteries, P/N MN1300, D Cell, Next Due May 2014. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 performed by Sarasota Avionics Inc., FAA Repair Station # 1SER284B, WO#50611 Next due May 2015. Removed and Reinstalled Muffler, P/N 630012-501 and Left Exhaust Stack for Repair by PlaneXhaust, Inc. W/O#17430. Removed and Replaced three Exhaust Gaskets with new, P/N 628260. Removed and Replaced Left Aircraft Battery with new Left Aircraft Battery, P/N G243S, S/N G02777215. Removed and Replaced Battery Positive Cable and Left Battery Positive Cable Terminal Ends. Cleaned and Treated surface corrosion on Left Battery Tray. Installed new Right Outboard and Left Inboard Aileron Static Wick, P/N 10-900-6-2-1. Resealed Right Brake Caliper with new Right Brake Caliper O-rings, P/N MS28775-222. Bled Brakes. Removed Standby Vacuum Pump, P/N 212CW, S/N 11AP324 and Replaced with Overhauled Vacuum Pump, P/N 216CW, S/N 01DK10. Removed and Replaced Vacuum Line under Instrument Panel. Removed Standby Vacuum Drive Motor Bracket.

Continued on next page

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	Technician or Repair Facility
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	

Continued from previous page

Removed and Replaced Standby Aerosafe Vacuum Drive Motor with new and Reinstalled Standby Vacuum Motor Bracket. Placarded Oxygen System Deactivated. Removed and Replaced Engine Crankcase Breather Hose. Freed up Stall Warning Vane. Checked and Adjusted Rigging of Manual Extension Lever and Cable IAW M20R M.M. Lubricated Landing Gear Pivot Points and Rod Ends. Performed landing gear extension/retraction and emergency extension tests and landing gear operated normally at this time. Applied Corrosion X Anti-Corrosive to interior of Wings and Tail Section. I certify that this Aircraft has been inspected/repared in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-

David A. Johnson, 3678866, A&P IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1				

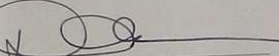
Supplemental Log Entry
Airframe Annual Inspection

Reg: N21786
Date: 8/8/14
Model: M20R
Tach: 428.2
S/N: 29-0194
ACFTT: 428.2

Performed Annual Inspection in accordance with FAR Part 43, appendix "D", Aircraft FAA Re-Registration Due 01/2015. Complied with all applicable AD's thru 2014-15. Complied with AD 84-26-02, Induction Air Filter, by removal and replacement of Induction Air Filter with new, P/N ED040288. Next Due 928.2. AD14-15-18, Empennage Attach Fittings, N/A by Aircraft Serial Number. Performed Annual ELT Inspection IAW FAR Part 91.207(d). Removed and Replaced ELT Transmitter Batteries with new, P/N MN1300, D Cell. Next Due August 2015. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 11. Next due May 2015. Removed and Replaced Left Elevator Outboard Static Wick with new, P/N 10-900-60/1. Reattached Vent Hose to Copilot's Eyeball Vent in Overhead Console. Removed and Replaced Gyro Suction Relief Filter with new, P/N ARB3-5-1 and Central Vacuum Filter with new, P/N AAD9-18-1. Removed and Replaced Beacon Lamp with new, P/N T28V150W Lamp. Cleaned Brake Caliper Guide Pins and Pin Slots, Lubricated and Reinstalled Left and Right Brake Calipers. Removed and Replaced all Main Landing Gear Strut Mounts with new, P/N J11968, Removed, Fabricated and Replaced Fuel Drain Hose with new, P/N AQP-306-4. Continued on next page.

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Continued from previous page. Removed and Replaced Propeller Forward Spinner Bulkhead with new, P/N C-6359. Removed #6 Intake Manifold for access and Adjusted Landing Gear Warning Microswitch. Reinstalled #6 Intake Manifold with new Intake Manifold Gasket, P/N 630824. Performed landing gear extension/retraction and emergency extension tests and landing gear operated normally at this time. Placarded Oxygen System Deactivated. Treated Interior of Horizontal and Vertical Stabilizers, Rudder, Elevators, Ailerons, Flaps, Wings, and Aft Fuselage with ACF-50 Anti-corrosive 1 certify that this Aircraft has been inspected/repared in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-


David A. Johnson, 3638866, A&P IA

PLEASE SORT HERE

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE:				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Supplemental Log Entry
Airframe

Reg: N21786
Date: 4/14/15
Model: M20R
Tach: 465.4
S/N: 29-0194
ACFTT: 465.4

Removed Vacuum Pump, P/N 216CW S/N T33232H and Replaced with Overhauled Vacuum Pump, P/N 216CW, S/N 161129. Performed Engine Ground Run and Vacuum System operates normally at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the aircraft is approved for return to service with respect to the work performed. - END -

Mark A. Howell
Mark A. Howell, 3575906, & P

RAPCO, inc.

Air Filter P/N **RAJY-6**

Changed at:	Next Change:
465.4 Hrs.	665.4 Hrs.
Date: 4/14/15	Date: 5/14/16

NEXT FILTER CHANGE AT 200 HOURS OR AT ANNUAL

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE:				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Sarasota Avionics East
2633 Lantana Road, Bldg. 214 Lantana, FL 33462
Date: 09/01/15
Tail: N- 21786 Make/Model: MOONEY M20R S/N: 29-0194
Hobbs: 484.0



Removed AK-350 (S/N: 3529534) and installed factory new A30.5 (S/N: 134981) referencing manufacturers installation manual A30M, Rev. 5, dated 10/05/10. Altimeter 5934PA-3 (S/N: 407728) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. Altitude reporting system A30.5 (S/N: 134981) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14CFR91.217. The ATC transponder KT76C (S/N: 7968) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The static pressure system was tested and inspected in accordance with 14CFR 91.411. All work was accomplished with current manufacturer's manuals and acceptable methods and techniques. Weight and balance has not changed. Details on file under WO# 51160, dated 09/01/15, for Sarasota Avionics East CRS# 1SER284B.

GPJ

PLEASE PRINT

14

TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairman</small>
		August 31, 2017 AIRCRAFT LOG ENTRY N21786
		The ATC transponder was tested and inspected as required by FAR 91.413 and found to meet the performance specification of FAR 43 Appendix F. The standard altimeter was tested to 35,000 ft as required by FAR 91.411 and found to meet the performance specification of FAR 43 Appendix E. The encoder was tested for proper correspondence and the encoder/transponder system integration was tested and found to meet the performance specification of FAR 43 Appendix E, paragraph (c). The aircraft static system was tested as required by FAR 91.411 and found to comply with FAR 43, Appendix E paragraph (a).
		Transponder: Garmin GTX 345, S/N 3EG008145 Standard Altimeter: United P/N 5934PA-3, S/N 407728 Encoder: ACK: A-30.9, S/N 143585
		The aircraft and/or component identified above was inspected in accordance with current FAA Regulations and was found airworthy and approved for the return to service.
		Palm Beach Avionics, Inc. FAA CRP M3436311
		Work Order: 31878
		_____ Authorized Signature

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairman</small>
				Supplemental Log Entry Airframe Annual Inspection
	Reg: N21786		Model: M20R	
	Date: 12/19/17		Tach: 527.0	
				S/N: 29-0194 ACFTT: 527.0
				Performed Annual Inspection in accordance with FAR Part 43, appendix "D" Aircraft FAA Re-Registration Due 01/2021 Complied with all applicable AD's thru 2017-25 AD84-26-02, Induction Air Filter, P/C/W by replacement with new, P/N ED640288 Next Due 928.2 Performed Annual ELT Inspection IAW FAR Part 91.207(d). ELT battery expiration Dec 2024. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 Next due Aug 2019. Removed and Replaced Left Fuel Tank Fuel Cap Seals with new, P/N MS29513-338. Removed, Cleaned, Inspected and Reinstalled Gascolator with new Seal Kit, P/N FS-KT-1. Inspected and Cleaned Induction Air Filter. Applied ACE 50 Anti Corrosive to interior of Tail, Wings and Belly. Removed Standby Vacuum Pump P/N 216CW, S/N 01DK10 and Replaced with Overhauled Standby Vacuum Pump, P/N 216CW, S/N 082H13 (Aero Accessories Inc W/O# 1082H-0000). Removed, blew out with shop air and Reinstalled Standby Vacuum Pump, P/N 216CW, S/N 082H13 (Aero Accessories Inc W/O# 1082H-0000). Replaced and Replaced Pneumatic Filter with new, P/N RA1J4-6 and Vacuum Regulator Filter with new, P/N ARB3-5-1. Performed landing gear extension/retraction and emergency extension tests IAW M20R M.M. and landing gear operated normally at this time. I certify that this Airframe has been inspected/repared in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-
				_____ David A. Johnson, 3638866, A&P IA

N21786

adlogTM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM



**AIRFRAME
MAINTENANCE
RECORDS**

in Service
in Block 13, the work is applied in Block 12
in Block 13, the work is applied in Block 14, except for
the items are approved for
Other regulations specified in Block 13



AIRFRAME MAINTENANCE RECORDS

Aircraft Registration No. N21786 Log No. 2

Aircraft Mfg. MOONEY Model M20R Serial No. 29-0194

Engine Mfg. CONTINENTAL Model IO-550-6B Serial No. 679414

Propeller Mfg. MCCAULEY Model 3A32C48-C Serial No. 990213

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



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Supplemental Log Entry - Airframe Annual Inspection

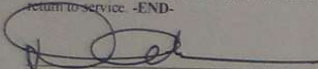
Reg: N21786
Date: 5/1/23

Model: M20R
Hobbs: 623.4

S/N: 29-0194
AFTT: 623.4

Performed Annual Inspection with reference to FAR Part 43, appendix "D. Aircraft FAA Re-Registration **Due 01/2024** Checked applicable AD's thru **2023-10 AD84-26-02**, Induction Air Filter, P/C/W by replacement with new, P/N ED040288. Filter Replacement **Next Due 928.2** or on Condition. Inspected Induction Air Filter at this time with no defects noted. Removed and Replaced ELT Transmitter Batteries with new "D" Cell P/N MN1300. Performed Annual ELT Inspection IAW FAR Part 91.207(d). ELT battery expiration **March 2030**. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 **Next Due March 2024**. Disassembled, Cleaned, Inspected and Reassembled Fuel Gascolator using new O-Rings, P/N MS29513-137 and M83248-1-111 with no contamination found at this time. Performed leak check with no fuel leaks found at this time. Removed and Replaced Inline Instrument Vacuum Filter with new, P/N AA2146, Gyro Suction Relief Valve Filter with new, P/N ARB3-5-1 and Central Instrument Filter with new, P/N AAD9-18-1. Oxygen System and Standby Vacuum System is Placarded as Inoperative at the request of owner. Removed Alternate Air Hose Clamps near exhaust. Cleaned surface corrosion from Engine Mount, treated with Ospho and Installed new Adel Clamps, P/N's MS21919WDG13, MS21919WDG48 on Alternate Air Hose near Exhaust. Installed Fire Sleeve to cover clamps and hose in this area. Removed Aft Muffler Shroud Latch. Fitted, Adjusted for proper operation and Installed new Aft Muffler Shroud Latch, P/N 97-30-161-12. Removed and Replaced Nose Tire with new, 500X5, 6 Ply Goodyear FSII, P/N 505C61-8, S/N 2140931 using new Nose Tire Tube, P/N 302-013-400. Removed Left Brake Caliper and Resealed using new O-Rings, P/N MS28775-222. Cleaned Left Brake Caliper Guide Pins and Pins Slots, Lubricated and Reinstalled Left Brake Caliper. Bled Left Brake. Removed, Cleaned Right Brake Caliper Guide Pins and Pin Slots, Lubricated and Reinstalled Right Brake Caliper. Removed and Replaced Left and Right Brake Linings with new, P/N APS66-10500 using new Brake Rivets, P/N 105-00200. Serviced Brake Hydraulic Fluid Reservoir to proper level with MILH5606 Hydraulic Fluid. Treated Left and Right Wings, Elevators, Flaps, Belly area, Propeller Snap Rings, Horizontal and Vertical Stabilizers, Rudders and Aft Fuselage, Engine and Engine Hardware with ACF-50 Anti Corrosive. Removed Right Side Forward Engine Baffles and items for access. Removed Alternator and performed Alternator Drive Coupling checks/inspection with reference to FAA SAIB NE-18-16 and CSB19-06. Removed Alternator Drive Coupling and Replaced with Overhauled Alternator Drive Coupling, P/N 646655, S/N H-X010492, Quality Aircraft Accessories, W/O# M602630 using new Alternator Drive Woodward Key, P/N MS35756-8. Reinstalled Alternator onto Engine using new Alternator Gasket, P/N 653981. Reinstalled Engine Right Side Forward Engine Baffles and items removed for access. Performed landing gear extension/retraction and emergency extension tests with reference to M20R M.M. and landing gear operated normally at this time. I certify that this Airframe has been inspected/repared in accordance with an **Annual Inspection** and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-

repairs are in accordance and


David A. Johnson, 3638866, A&P IA

SUB-TOTAL this page
 TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON
TOTAL brought forward from previous page			

SUB-TOTAL this page
 TOTAL-Carry forward to next page

Supplemental Log Entry - Airframe Annual Inspection

Reg: N21786

Model: M20R

S/N: 29-0194

Date: 6/10/24

Hobbs: 634.4

AFTT: 634.4

Performed **Annual Inspection** with reference to FAR Part 43, appendix "D. Aircraft FAA Re-Registration **Due 01/2028** Checked applicable **AD's thru 2024-11. AD84-26-02**, Induction Air Filter, P/C/W by replacement with new, P/N ED040288. Filter Replacement **Next Due 928.2** or on Condition. Inspected Induction Air Filter at this time with no defects noted. Removed and Replaced ELT Transmitter Batteries with new "D" Cell P/N MN1300. Performed Annual ELT Inspection IAW FAR Part 91.207(d). ELT battery expiration **March 2030**. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 **Next Due June 2026**. Removed Aircraft Battery #1, S/N 40994983 and Installed into the #2 (Right) Position. Installed new Owner provided #1 (Left) Aircraft Battery, P/N RG24-15, S/N 41388241. Disassembled, Cleaned, Inspected and Reassembled Fuel Gascolator using new O-Rings, P/N MS29513-137 and M83248-1-111 with no contamination found at this time. Performed leak check with no fuel leaks found at this time. Removed and Replaced Inline Instrument Vacuum Filter with new, P/N AA2J46, Gyro Suction Relief Valve Filter with new, P/N ARB3-5-1 and Central Instrument Filter with new, P/N AAD9-18-1. Oxygen System and Standby Vacuum System is Placarded as Inoperative at the request of owner. Resealed Pilot's Left Brake Master Cylinder using new O-Rings, P/N's MS28775-113, MS28775-012. Resealed Parking Brake Valve using new O-Rings, P/N's MS28775-101, MS28775-012. Bled Brakes and Brakes operated normally at this time. Removed and Replaced Elevator Static Wick with new, P/N 10-900-60/1. Removed and Replaced Cabin Heat Fresh Air Duct Clamp with new Adel Clamp, P/N AN742-45C. Removed Tail Strobe Power Pack, P/N 01-0770329-01 / A490A, S/N 00906 and Replaced with new Tail Strobe Light Power Pack, P/N A490ATSC / 01-0770062-03, S/N 16717920023. Tail Strobe operations checked OK at this time. Removed, Cleaned, Treated, Painted and Reinstalled Left and Right Fuel Caps with new O-Rings, P/N MS28775-338. Performed landing gear extension/retraction and emergency extension tests with reference to M20R M.M. and landing gear operated normally at this time. I certify that this Airframe has been inspected/repaired in accordance with an **Annual Inspection** and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. **-END-**

Jose J. Cotto, 3118790 A&P, IA