

THIS ELT EQUIPPED WITH ALKA-
LINE BATTERY PACK P/N SP-1020

MAY 02



REPLACE BY

MERL, INC. 1777 N. Colony Rd. P.O. Box 188 Meriden, Ct. 06450
WARNING! DO NOT DISCARD BATTERY IN HEAT OR FIRE!



The Standard

AIRCRAFT LOG

ASA-SA-1

Book 2

Aircraft Record General Information

Manufacturer MOONEY Model M-20K

Serial 25-0358 Registration Number N231QH

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

TACH SCALE CORRECTION CARD

Instr. P/N D11125023

Serial No.: 1562

Power Setting Indication

500 RPM	<u>390</u>
1000 RPM	<u>995</u>
1500 RPM	<u>1515</u>
2000 RPM	<u>2015</u>
2500 RPM	<u>2500</u>
3000 RPM	<u>2980</u>
3500 RPM	<u>3425</u>

Inspector MO Date 4/12/10

YEAR: <u>00</u> DATE	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 Person Facility. (See back pages for other specific entries.)
<u>4-27</u>	<u>0.01</u>			<u>OLD TACH READS 221.6 HRS</u>
				<u>REPLACED OLD TACH WITH A NEW MITCHELL TACH</u>
				<u>P/N D1-112-5023 MODEL # 98480-23. OLD TACH READS</u>
				<u>221.6 HRS REPLACED ELT BATTERY, D&M P/N BP-1020.</u>
				<u>BATTERY EXPIRES 5-02.</u>
				<u>Bill Adams A&P #24489421</u>

54.8

YEAR: 2001 DATE	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.)
4-11	41.2	-	1399.7	<p>THIS AIRCRAFT INSPECTED IN ACCORDANCE WITH THE MFG'S INSTRUCTIONS & CHECKLIST, THE GUIDELINES EXCEED FAR 43 APPENDIX "D", C/W AD 85-24-03 (FUEL BAYS & FUEL CAP SEALING) NEXT INSP. DUE AT ANNUAL, AD'S RESEARCHED FOR COMPLIANCE THROUGH ISSUE 01-07</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 4-11-01.</p> <p>Bill Adams A1424485421</p> <p>EHT CHECKED AS PER FAR 91.207 D BATTERY 5-02</p>

31.8

YEAR: 2002 DATE	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.)
5-23	73.0		1431.5	
<p>THIS AIRCRAFT INSPECTED IN THE SCOPE & DETAIL OF FAR 43 APPENDIX "D", FLT INSP & FUNCTIONALLY CHECKED AS PER FAR 91-207 D, C/W AD 85-24-03 (FUEL BAYS & FUEL CAP SEALING) INSP. DUE NEXT ANNUAL C/W AD 98-24-11 (AILERON LINKS) NEXT DUE 1581.5^{HRS}</p> <p>REPLACED NOSE AND BOTH MAIN TIRES WITH NEW GOODYEAR FLIGHT CUSTOM III^S</p> <p>REPLACED SHOCK DISCS (8) ON L & R MAINS P/N^S J-11968-14 (DOW 2-15-02)</p> <p>REPLACED BOTH LDG LIGHTS WITH GE 4509 100W LAMPS. REPLACED AIR FILTER ELEMENT BA8110 C/W AD 76-0742 (BENDING SW) NEXT DUE 1531.5^{HRS} AD RESEARCHED FOR COMPLIANCE THROUGH THIS DATE 5-23-02</p>				
<p>— NEXT PAGE →</p>				

YEAR: 2002 DATE	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.)
5-23	73.0		1431.5	
7-15-02				Replaced Bad Encoder with FRANSON ESD120-30. Joe Fran, HOBAN AVIONICS AE2R687K

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION THIS DATE 5-23-02.

Bill Adams
AI 424489421

TACH 123

YEAR: _____ DATE	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.)
				<p>THE FOLLOWING ALTIMETER SYSTEM ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED</p> <p>Para (a) Static System <u>tested</u></p> <p>Para (b) Altimeter (s)</p> <p>Pilots <u>101627-01656</u> C/P <u>N/A</u> Alt'm</p> <p>S/N <u>C128475</u> S/N <u>N/A</u></p> <p>Tested To <u>20000</u> Feet</p> <p>Para (c) Integrated System Test</p> <p>Signature <u>[Signature]</u></p> <p>Houma Avionics, Inc. CRS #AE2R687K</p> <p>Houma, LA. Date <u>15 July 02</u></p>
				<p>The <u>K726A</u> Transponder S/N <u>19392</u> has been tested and was found to be in compliance with the requirements of FAR 91.413 (Part 43, APP F). Date <u>15 July 02</u> Houma Avionics, Inc. FAA CRS #AE2R687K Houma, Louisiana. <u>[Signature]</u></p>

YEAR: 2003 DATE	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.)
5-23	123.9		1482.4	<p>THIS AIRCRAFT INSP. IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D". ELT INSP AND CHECKED AS PER FAR 91-207 D. BATT → 6-05.</p> <p>INSTALLED DRY AIR PUMP COOLING KIT RA-20 P/N 10-23953, C/w AD 85-24-03 (FUEL BAYS & FUEL CAP SEALING) NEXT ANNUAL INSP, C/w AD 98-24-11 (AILERON LINKS) BY INSP + 10% NEXT 1582.4 HRS C/w AD 26-07-12 (BENDIX INC. SW.) PARAS A, B & C. NEXT 1582.4 HRS</p> <p>AD^S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 5-23-03</p>

Bill Adams AI424489421

TAMING

26.5

YEAR: 2004 DATE	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.)
6-4-04	150.4		1508.9	
This AIRCRAFT INSPE. IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX 'D'.				
EIT INSPE. AS PER FAR 91.207D. EIT DATE ≥ 6-05.				
C/W AD 85-24-03 (FUEL BAYS AND FUEL CAP SEALING BY INSPE) NEXT → ANNUAL				
C/W AD 98-24-11 (AILERON LINKS) BY INSPE. NEXT → 1608.9				
C/W AD 76-07-12 (BENDIX INS SW) PARAS A, B, C. NEXT → 1608.9				
AD'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.				
I CERTIFY THAT THIS AIRCRAFT HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN ANNUAL				
INSPECTION AND WAS DETERMINED TO BE				
IN AIR WORTHY CONDITION THIS DATE 6-4-04.				
				Bill Delann AI 424489421

25.5

YEAR: 2005 DATE	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.)
7-14	175.9		1534.4	<p>THIS AIRCRAFT INSP. IN THE SCOPE & DETAIL OF FAR 43 APPENDIX D: ELT. INSP. AS PER FAR 91-207-D, C/W AD 89-24-03 (FUEL BAYS & FUEL CAP SEALING) NEXT ANNUAL, C/W AD 98-24-11 (AILERON LINKS) BY INSP. NEXT 1634.4, C/W AD 26-07-12 (BENDIX INL SW PARAS A, B & C NEXT 1634.4. AD^S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE, I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 7-14-05.</p> <p>Bill [Signature] A1424487421</p>

TACH

53.0 1/4

YEAR: 2006 DATE	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.)
8-3-06	228.9		1587.4	<p>THIS AIRCRAFT INSP. IN THE SCOPE & DETAIL OF FAR 43 APPENDIX "D", ENT INSP. FOR FUNCTION & CONDITION. ENT BATT EXP 9-08, C/W AD 85-24-03 (FUEL BAYS & FUEL CAP SEALING) NEXT ANNUAL C/W AD 98-24-11 (AILERON LIWICK) BY INSP. NEXT → 1687.4 C/W AD 76-07-12 (BENDING INQ CW) PARAS A, B & C. NEXT → 1687.4 AD'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 8-3-06 Bill Adams AI424489421</p>

YEAR: 2007 DATE	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.)
9-7-07	244.9		1613.4	
THIS AIRCRAFT INSPECTED IN THE SCOPE & DETAIL OF FAR N3 APPENDIX D				
ELT INSP. AS PER FAR 91-207D ELT BATT → 9-08.				
C/W AD. 85-24-03 (FUEL BAYS & FUEL CAP SEALING) NEXT ANNUAL				
C/W AD. 98-24-11 (AILERON LINKS) ————— NEXT 1613.4 1713.4				
C/W AD. 76-07 12 (BENDIX INQ SW) ————— NEXT 1613.4 1713.4				
AD'S RESEARCHED FOR COMPLIANCE THROUGH THIS DATE.				
I CERTIFY THAT THIS AIRCRAFT HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN ANNUAL				
INSPECTION AND WAS DETERMINED TO BE				
IN AIRWORTHY CONDITION THIS DATE 9-7-07.				
				Bill Adams AI 424489421

5.1

YEAR: 2008 DATE	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.)
9-20-08	250.0		16 1618.5	
				This AIRCRAFT INSPECTED IN THE SCOPE & DETAIL OF FAR 43 APPENDIX "D":
				ELT INSP. AS PER FAR 91-207D ELT BATT →
				C/w AD 85-24-03 (FUEL BAYS ^{BY INSP.} & FUEL CAP SEALING) → NEXT ANNUAL
				C/w AD 98-24-11 (AILERON LINKS) BY INSP. → NEXT 1718.5
				C/w AD 76-07-12 (BENDIX IN 6W) PARTS A, B & C. → NEXT 1718.5
				AD ^S RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2008-19.
				I certify that this aircraft
				has been inspected in accordance
				with a <u>(0) ANNUAL</u> inspection and
				was determined to be in airworthy
				condition this date <u>9-20-08</u> .

Bill Adams A1424489421

YEAR: 2009 DATE	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.)
7-09				
				REPLACED L & R BRAKE PADS P/N 66-105, RAN BRAKE PADS IN
				FOR SETTING. ABOVE WORK ACCOMPLISHED IN ACCORDANCE
				WITH THE MFG'S INSTRUCTIONS.
				Bill Adams A&P 42485421


TACH

YEAR: 2009 DATE	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.)
10-1-09	283.0		1651.5	
This AIRCRAFT INSP. IN THE SCOPE & DETAIL OF FAR 43 APPENDIX "D".				
ELT INSP. AS PER FAR 91-207 D ELT BATT. EXD 9-2010.				
C/W AD 76-07-12 (BENDIX INGS) PARAS A, B & C. NEXT → 1751.5				
C/W AD 85-24-03 (FUEL BAYS & FUEL CAP LEAKAGE) BY INSP. NEXT → ANNUAL AD ^S RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2009-20.				
<p style="text-align: center;">I certify that this aircraft has been inspected in accordance with a (0) <u>ANNUAL</u> inspection and was determined to be in airworthy condition this date 10-1-09.</p>				
<p style="text-align: center;">Bill Adams A142448421</p>				

YEAR: DATE	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.)
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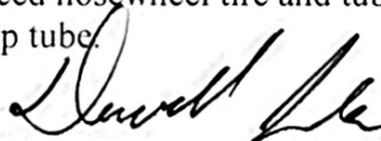
Date 6-27-2011 Tach reads 309.8 Total Time 1679.3

This aircraft inspected in the scope and detail of FAR 43 Appendix "D". ELT inspected as per FAR 91-207 D. ADS researched for compliance through issue 2011-12. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in UNAIRWORTHY condition this date 6-27-2011.


 BILL ADAMS AI424489421

Discrepancy to be complied with (✓) replacment of engine TURBOCHARGER.END

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YEAR: _____ DATE	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.)
7-17-2011	TACH 1309.9			Installed overhauled turbocharger after Repair/overhaul By Quality Aircraft Accessories, P/N 407810-9001, S/N VL-20132 OPS & Leaks checks good. Dowell Jeffries AP3201770
				ASI Maintenance LLC, 6253 Airport Industrial Blvd, Gonzales, LA 70737 October 25, 2011 Tach Time: 311.6 Mooney M20K S/N: 25-0358 REG: N231QH Replaced nosewheel tire and tube, Goodyear Flight Custom III 6 ply and Michelin Airstop tube.  Dowell Jeffries, A&P 3201770

YEAR: _____ DATE	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.)
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DATE 8-6-12 TACH 340.1 TOTAL TIME 1708.6

THIS AIRCRAFT INSPECTED IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D". ELT INSPECTED AS PER FAR 91-207 D AIRWORTHINESS DIRECTIVES RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2012-15

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE 8-6-2012

BILL ADAMS A&P424489421AI

Bill Adams

ELT BATT → 8-13

YEAR: DATE	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.)
2012 8/6	340.1		1708.6	NEXT
8/6	C/W	AD 76-07-12		(BENDIX IN SW.) PARAS A, B & C. 1808.6 NEXT
	C/W	AD 85-24-03		(FUEL TANK BAYS CAPS) BY INSP. ANNUAL NEXT
				Bill Adams A & P 424489421

YEAR: 2013 DATE	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.)
6-24				(NEW)
				REPLACED VACUUM PUMP, P/N 216CW, S/N B28519
				IN ACCORDANCE WITH THE MFG'S INSTRUCTIONS.
				VAC. LINE CLEANED AND INSP. NEW HARDWARE USED
				LINES FOR THE INSTALLATION.
				Bill Adams A & P 424489421

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.)

YEAR 2019	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE 09/17	375.6		1734.1	RUN A/c & ops checked, clean & open for inspection
				Replace 4ea FUEL CAP O-RINGS P/N MS29513-338, Replace 4 LIGHT BULB GE4509,
				Replace BA8103-1 INDUCTION Filter, Repair WIRING @ AH STROBE power PAC
				Q/W AD 98-24-11 BY MODIFICATION OF ALLCON CONTROL LINKS PER SB M20-264
				Q/W BY LAKE AERO Styling & Repair R.O. #2904-01-2013/7 (AD NO LONGER APPLICABLE)
				Q/W AD 95-17-06 BY INSPECTION N10 @ 1834.1 hrs. Removed A/c BATTERIES & TRAY
				cleaned & Repainted box, SERVICES & Recharged BATTERIES, Repacked all wheel
				bearings, Replaced nose wheel bearings & RACES P/N 08125 & 08231 w/FAA-PMA'd
				Replace B3-5-1 1/2 FILTER, Replaced D9-18-1 VAC SYSTEM FILTER, Repaired
				WIRING TO GEAR LIGHT IN FLOOR OF A/c (INDICATOR LIGHT) R/R ELI & ops CK'd
				PER 91.207(d) Replaced BATTERY BP1020- new R/R DATE NOV. 2015

- CONT'D NEXT PG -

-CONT'D FROM Prev. PG. -

YEAR: <u>2013</u> DATE	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.)
09/17	375.6		1734.1	Replaced 2ea BROKEN Adel clamps @ O/H TUBE YEAST IN REAR FUSelage, Repaired Pilot Side Visor & Reattached (has required operating specs on visor) Replaced upper & lower Rod-ends @ nose gear actuator rods BOTH sides & ADJUST @ RETRACT TEST P/N F34-14 & MW-3M-54, Replace INOP SC628P GEAR WARN HORN & ops ck'd @ RETRACT TEST Replace All ENGINE MOUNT RUBBERS & BOLTS P/N 94030-01 & AN7H35A CONTACT Rocket Engineering FOR placement, TORQUE, & correct P/N's C/W AD 12-05-09 BY INSPECTION C/W AD 85-24-03 BY INSP N10 @ Annual or 1834.1 lube & inspect controls, Rod-ends, Bearings, ect Complete gear RETRACT & emergency gear EXTENSION - Lube & grease gear Reattach lower door seat @ entrance door, Replace numerous screws & clip nuts @ Lower Belly INSPECTION panels Transponder/STATIC system test overdue per 91.411/413 owner notified
				A. Wayne Phillips 3678959IA

YEAR: _____ DATE	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 THIS AIRCRAFT/ ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100-HR. INSPECTION AND IS IN AIRWORTHY CONDITION. TIME <u>1734.1</u> DATE <u>09-17-2013</u> SIGNATURE <u>A. Wayne Phelgo</u> <u>136789591A</u>

TACH

YEAR: <u>2014</u>	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				
10/24	388.4		1746.9	<p>Run a/c & ops ck'd, clean & open for insp. - R/R RH inner gear door w/ some P/N serviceable part from Lane Aero - due to wear on leading edge. Installed w/ new hardware as needed.</p> <p>C/W AD 95-17-06 BY inspection & replacement of R/H FWD TUBE FROM Rocket Engineering, P/N 305.03.502 Rev D</p> <p>R/R BA 8103-1 INDUCTION FILTER, R/R BB-5-1 1/2 FILTER, Service & insp. BRAKES (ML 14-5606) Complete gear retract test, ck'd preload @ gear, ck'd lights & warning horn operation, greased & lube gear, complete emergency gear extension, Clean Pitot Tube & ops ck'd airspeed indication, Replaced mount hardware as needed.</p> <p>Replaced nose gear steering Link Bolt AN23-19A & Nut P/N AN563-1032. Replaced left O-RING @ RH brake</p> <p>Caliper P/N MS28775-22V C/W AD 76-07-12 BY ops ck'd @ RUN-UP. ^{NID @ 1846.9} C/W AD 95-17-06 NID @ 1771.9 hrs.</p> <p>Ops ck'd ELT per 91.207(d) BATTERY, R/R date NOV 2015. C/W 85-24-03 BY insp TANKS/CAPS NID @ ANN. 02/1846 hrs</p> <p>Insp. a/c systems BATTERIES, Lube on controls & hinges, pulleys, ect. Close a/c, run & ops ck'd.</p> <p style="text-align: right;">A. Wayne Phyllis 367895937A</p>

YEAR: 2016 DATE	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.)
02/11	391.3			<p>Opened A/C & Lubed IAW m20K m/m. Installed new ELT BATT next Due APR 18. Inspected & Tested ELT IAW FAR 91.207(d) ops ck good. Jack A/C & performed Retire Test. All ADS C/W thru this DATE (see list) I certify that this aircraft has been inspected IAW an Annual Inspection and is in an Airworthy Condition at this time</p> <p>John S. [Signature] IA426377553</p>

11.4 hrs SINCE GENX'S ANNUAL

YEAR: 2017 DATE	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.)
04-12	399.8		1758.3	
				o/w AD 76-07-12 (BENOIREY SW/PAAS A, B&C, NEXT 1858.3
				o/w AD 85-24-03 (FUEL TANK BAYS & CAPS) NEXT ANNUAL

DATE 04-12-2017 TACH 399.8 TOTAL TIME 1758.3

THIS AIRCRAFT INSPECTED IN THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D". ELT INSPECTED AS PER FAR 91-207 D AIRWORTHINESS DIRECTIVES RESEARCHED FOR COMPLIANCE THROUGH ISSUE 2017-07.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE

04-12-2017

BILL ADAMS A&P424489421AI

Bill Adams

wo: GA1024

Airframe - page 1 of 2

DATE



Glencoe Aviation · 6253 Airport Industrial Blvd · GONZALES, la 70737 · 225-644-3088

N231QH

MOONEY AIRCRAFT CORP., M20K, S/N: 25-0358

December 2, 2019

Tach: 406.36

TTSN: 1764.86

PERFORMED ANNUAL/100HR INSPECTION IN ACCORDANCE WITH M20K MM BY OPENING PANEL INSPECTING AND LUBING. INSTALLED NEW ELT BATTERY DUE OCT 2021 THEN TESTED ELT IN ACORDANCE WITH FAR 91.207 (D) OP SN OFF D GOOD. JACKED AIRCRAFT REMOVED MAIN TIRE AND REMOVED TIRE PN OFF 606C66-8 SN OFF 20560677 INSTALLED PN 606C66-8 SN 91272120 WITH NEW TUBE PN ON GL-6020B THEN REINSTALLED TIRE ASSY REMOVED RH TIRE ASSY AND REMOVED TIRE PN OFF 606C66-8 SN OFF 20560680 INSTALLED NEW TIRE PN ON 606C66-8 SN ON 90113697 INSTALLED NEW TUBE PN ON GL-6020B AND INSTALLED NEW BRAKE DISK PN ON 164-20 THEN REINSTALLED WHEEL ASSY. REMOVED NOSE GEAR WHEEL ASSY AND REMOVED SHOCK DISK AND INSTALLED NEW DISK J-11968-14 THEN REMOVED TIRE PN OFF 505C66-5 SN OFF 92470373 TIRE ON 505C66-5 SN 90692315 WITH NEW TUBE PN ON 097-908-0 THEN REINSTALLED WHEEL ASSY. REMOVED BOTH SHIP BATTERY S PN OFF 7035-28 AND INSTALLED 2 NEW BATTERY S PN ON 7035-28 SN ON G0302/722 AND G03023868. PERFORMED GEAR SWING 3 NORMAL AND 3 EMERGENCY. CW AD 76-07-12 BENDIX A,B&C NEXT DUE AT TACH TIME 506 COMPILED WITH AD 85-24-03 BY INSPECTION AND REPLACED FUEL CAP SEALS NEXT DUE AT ANNUAL. THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION Installed (1) 06-05100-3 - GOODYEAR TIRE, Installed (1) 164-02000 - DISC, Installed (1) 06-00019 - Tube, Installed (1) BA8103-1 - Filter, Installed (1) AB3-5-1 - AIR FILTER, Installed (1) BP1020 - ELT BATTERY, Installed (2) 7035-28 - Battery, Installed (2) 06-05400-3 - TIRE

YEAR

N231QH

MOONEY AIRCRAFT CORP., M20K, S/N: 25-0358

May 8, 2020

Tach: 406.36

TTSN: 1764.86

DATE

Removed existing transponder, rack, connectors. Installed Garmin GNX 375, p/n 010-01823-01, s/n 5GJ002783, IAW Garmin installation manual, p/n 190-02207-A4, Rev 5 and STC SA02636SE. Transponder interfaced with a Garmin GA35 GPS antenna for WAAS Source, p/n 013-00235-00, s/n 184135. Transponder interfaced with Garmin GEA12 Altitude Encoder, p/n 011-03080-00, s/n 3T6018092. Transponder test IAW 91.413 was performed by Aircraft Structural Inspections, CRS 1NPR910B. GNX375 interfaced with the existing HSI. Performed function check. FAA Form 337 on file. Removed existing nav/com radio, rack, and connectors. Installed Garmin GNC255a Nav/Com radio, p/n 010-01025-50, s/n 2A8023300, IAW Garmin installation manual p/n 190-01182-02, Rev H. GNC255a is interfaced with existing CDI. Performed function check. FAA Form 337 on file. Removed existing nav/com radio, rack, and connectors. Installed Garmin GTR225 Com radio, p/n 010-00998-50, s/n 2A5002783, IAW Garmin installation manual p/n 190-01182-02, Rev H. Performed function check. FAA Form 337 on file. Removed existing audio panel, rack, and connectors. Installed Garmin GMA342 audio panel, p/n 010-01319-11, s/n 3YZ001224 IAW Garmin installation manual p/n 190-01878-02, Rev 3. GMA342 interfaced with existing marker antenna. Headset jacks installed at all pilot and passenger positions. Performed function check.

Weight and balance change was calculated and a new weight and balance was added to the AFM. Action WT (lbs) Item PN SN Remove 3.20 KR87 066-1072-00 2586 Remove 3.00 KT76A No Data Tag 92003 Remove 2.70 KN53 066-1067-01 50838 Remove 6.00 KNS80 066-4008-00 16575 Remove 3.20 KY197 064-1021-00 72221 Remove 3.20 KY197 064-1021-00 72335 Remove 1.70 KMA24 066-1055-00 2851 Remove 0.50 PM1000II 11902 P05538-N Remove 0.20 Abandoned Tray Remove 1.60 KI203 066-3034-00 5587 Remove 0.63 KI227 066-3063-00 2541 Remove 0.70 SSD120 SSD120-30A A51565 Add 1.78 GMA342 010-01319-11 3YZ001224 Add 0.50 GA35 013-00235-00 184135 Add 3.20 GNX375 010-01823-01 5GJ002783 Add 3.02 GNC255 A 010-01025-50 2A8023300 Add 2.30 GTR225 010-00998-50 2A5002783 Add 1.25 GI106A 013-00049-01 H05-10043.

Dayne Bounds A/P IA 2782783

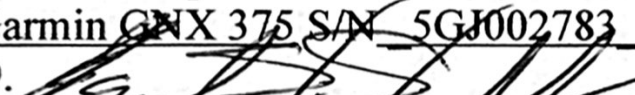


Repair

Aircraft Structural Inspections LLC
FAA CRS #1NPR910B
Mountain View Ar 72560

Aircraft Make & Model Mooney M20E Aircraft Registration N231QH
Date 19/MAY/2020 Tach Time N/A Serial Number 28-0358

I Certify that the Transponder System Tests Required by FAR 91.413 IAW Part 43
Appendix F have been performed and meets those requirements.

Transponder Garmin GNX 375 S/N 5GJ002783 All other information may be found in
ASI WO#3669.  #1NPR910B.

ician or Repair



Glencoe Aviation · 6253 Airport Industrial Blvd · GONZALES, LA 70737 · 225-460-3636

YEA
DAT

repair

N231QH

tach: 412.97

MOONEY AIRCRAFT CORP., M20K, S/N: 25-0358

TTSN: 1771.47

March 24, 2021

1. PERFORMED ANNUAL/100HR INSPECTION IN ACCORDANCE WITH M20K MM BY OPENING PANEL INSPECTING AND LUBING. INSTALLED NEW ELT BATTERY DUE MAY 2023 THEN TESTED ELT IN ACORDANCE WITH FAR 91.207 (D) OP SN OFF D GOOD. PERFORMED GEAR SWING 3 NORMAL AND 3 EMERGENCY. CW AD 76-07-12 BENDIX A,B&C NEXT DUE AT TACH TIME 512 COMPILED WITH AD 85-24-03 BY INSPECTION AND REPLACED FUEL CAP SEALS NEXT DUE AT ANNUAL. THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION Installed (1) BP1020 - ELT BATTERY.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order: GA1410.

Dayne Bounds A/P IA 2782783

