

475 RB

Book # 1



The Standard

AIRCRAFT LOG

ASA-3A-1

PAINT COLOR INFORMATION

N 475RB SN 29-0121

TOP COLOR REALLY WHITE COLOR NO. 10010 MFG P&H

ACCENT COLOR BLACK VELVET COLOR NO. 10684 MFG P&H

STRIPES SPANISH GOLD COLOR NO. 10685 MFG P&H

BOTTOM WING LAGOON COLOR NO. 10706 MFG P&H



MOONEY AIRCRAFT CORPORATION
LOUIS SCHREINER FIELD
KERRVILLE, TEXAS 78028



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer MOONEY AIRCRAFT CORP. Model M20R
Serial 29-0121 Registration Number N 475RB
Date of Manufacture 1997

Engine(s) currently installed:

Manufacturer CONTINENTAL Model IO-550-G(6) Serial 679276 808517-R
Manufacturer _____ Model _____ Serial _____
Serial _____

Propeller(s) currently installed:

Manufacturer MCCAULEY Model _____
HUB Model 3A32C4/8 Serial 970299 Serial _____
Blade Model 82NRC-9 Serial QA143 Serial QA162 Serial QA175
Blade Model _____ Serial _____ Serial _____
Serial _____

DATE 19 <u>97</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.)
<u>July 23</u>			<u>6.5</u>	<p>PRODUCTION FLIGHT TEST COMPLETED THIS DATE. THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY.</p> <p><i>[Signature]</i> 1622234</p>
<u>July 23</u>			<u>8.2</u>	<p>THIS AIRCRAFT HAS BEEN FLIGHT TESTED IN ACCORDANCE WITH MOONEY AIRCRAFT SPECIFICATION 020009 AND FOUND SATISFACTORY.</p> <p><i>[Signature]</i></p>

FOR FAA ACD ASW 150

DATE 19 <u>97</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.)
<u>July 23</u>			<u>8.2</u>	<p>The GPS Navigation System, Make <u>KING</u> Model <u>KLN-89B</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.</p> <p>Signed <i>[Signature]</i> Mooney Aircraft Corporation</p>

DATE 19__	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 <u>35,000</u> feet on <u>8/13/86</u> and Static System tests required by FAR 91.411 have been performed. MOONEY AIRCRAFT CORP. TC 2A3 By <u>Paul G. Schmidt</u> <u>7/22/87</u>
				I find that the aircraft meets the requirements for the certification requested and have issued a (Standard) <u>Standard</u> Airworthiness Certificate Dated <u>7/23/87</u> . The next Annual Inspection is due <u>7/23/88</u> . SIGNED: <u>Paul G. Schmidt</u> <u>DMIR SW6034</u>
				I certify that the encoding altimeter tests required by FAR 91.217(b) have been performed. MOONEY AIRCRAFT CORP. TC 2A3 By <u>Paul G. Schmidt</u> <u>7/23/87</u>

© ASA 1993

DATE 19__	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.)
<u>7/30</u>	<u>47.4</u>		<u>47.4</u>	Repaired tach connector. Straightened RH gear door at lower S&L edge. Replaced cabin heat duct. Repositioned battle seat around oil cooler. Ron's Aircraft Service, Inc. FAA CRS #RJUR641K Signature <u>R Beard</u>
<u>9/11</u>	<u>60.0</u>		<u>60.0</u>	Replaced hour meter. new unit. replaced O.O. Replaced both landing lights. Ron's Aircraft Service, Inc. FAA CRS #RJUR641K Signature <u>R Beard</u>

© ASA 1993


DATE 19__	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.)
				REMOVED WX-950 AND SECURE CONNECTOR, REMOVED AND REPLACED XSPONDER AND ALTIMETER WITH SERVICEABLE LOANERS.
	P/N		S/N	
OFF	KF76A		113059	
OFF	5934PA-3		388044	
ON	KI-76A		74343	
ON	5934PA-1		2F254	
				OPERATION CHECK SYSTEM GOOD
				APPROVED FOR RETURN TO SERVICE
				<i>James D. Horton</i>

DATE 19__	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.)
7/24			190.9	RTR LH speed brake for repair by Percision Aviation (warranty) Replaced speed brake lead connection with knife splices. F/C system okay Serviced Airconditioning system with 134a freon.
				Rms Aircraft Service FAA PS AIRCRAFT. Ronald K Beard

DATE	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.)
			REINSTALLED WX-950 IN AIRCRAFT UPON RETURN FROM FACTORY REPAIR. REMOVED AND REPLACED LOWER TRANSDUCER WITH REPAIRED ORIGINAL UNIT. REMOVED AND REPLACED LOWER ALTIMETER WITH NEW UNIT FROM FACTORY. OPERATIONAL TESTED SYSTEM GOOD. LEAK TEST SYSTEM GOOD. 07/31/98 APPROVED FOR RETURN TO SERVICE JAMES D. HORTON

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.)
2 SEPT 98	TACH 224			SWING & CUBE GEAR FUNCTIONAL TEST EMERG SYSTEM; SERVICE BATTERIES; REPLACE BOTH MLG TIRES WITH NEW, CLEAN & PACK W/BROS; CUBE CONTROLS; GRND ROLL & RETURN TO SERVICE; FUNCTIONAL TEST FLT TAXI 91.217 BAT EXP
				Date <u>9-2-98</u> T. R. <u>284</u> Tach <u>224</u> Smoh <u> </u> I certify this <u>AIRFRAME</u> has been inspected in accordance with the manufactures <u>100HR/</u> Inspection criteria and have found it to be in airworthy <u>ADDITIONAL</u> condition. Applicable Airworthiness Directives thru <u> </u> have been complied with. <u>Jeff Fahn</u> AEP 55792449 IA

DATE 19__	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 OCT. 98	TACH	259		SERVICED TIRES, BATTERY, BRAKE RES. CHECKED INT./EXT LIGHTS LUBED FLIGHT CONTROLS. RETURN TO SERVICE <i>Jan-Jah Mueni 021483690 ATP</i>
19 NOV 98	TACH	293		SERVICED BATTERY, TIRES, BRAKE RES. CHECKED INT./EXT LIGHTS, LUBED FLIGHT CONTROLS RETURN TO SERVICE <i>Jan-Jah Mueni 021483690 ATP</i>
20 JAN 99	TACH	332		CHANGE OIL & FILTER WITH NEW 15W-50, WIRE CONTROLS RETURN TO SERVICE <i>Jeff Farmer AEP 557926049</i>

DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
HORTON Avionic Services N# <u>N475RB</u> Mfg. <u>MORNEY</u> Model <u>M20R</u>  2810 Perimeter Rd., Ste. 103 N. Las Vegas, Nevada 89030				
S/N <u>29-0121</u> W.O. # <u>99-422</u> DATE <u>7-7-99</u>				
FAA APPROVED REPAIR STATION LOG BOOK SUPPLEMENT FORM				
HOBBS TACH: <u>00408.5</u> ACFT TOT: <u>N/A</u> ENG. TOT: <u>N/A</u>				

I certify that the static system(s), altimeter(s), and automatic pressure altitude reporting system(s) was tested and inspected as required by FAR 91:411 and found to comply with FAR 43, Appendix E and F

Altimeter(s) tested to 25000'
#1 Altimeter UNITED S/N 401404
#2 Altimeter AT 3100 MOD 0254-10 S/N 7100031
#3 Altimeter N/A S/N N/A

I certify that the ATC transponder(s) was tested and inspected as required by FAR 91:413 and found to comply with FAR 43, Appendix F

#1 Transponder M/N KT 76A 0641012-00 S/N 113059
#2 Transponder M/N N/A S/N N/A

APPROVED FOR RETURN TO SERVICE *Jan-Jah Mueni*

DATE 19__	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 7/20/99 Hobbs and Total 408.4 W/O 9612
408.4

Complied with FAR 91-207 d. ELT function check and inspection. Repositioned wires chaffing on vacuum regulator and emergency gear extension cable chaffing on rudder tube. Replaced fuel cap orings. Retraction tested landing gear. Serviced batteries.

Complied with SB M20-269 by installing Kit M20-269-001. Complied with SB M20-104 rotation of landing and taxi light filaments. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Ron's Aircraft Service, Inc. FAA RS # RJUR641K

Ronald K Beard

DATE 19__	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.)
--------------	---------------------------	-------------------	-----------------------------	--

MODEL M20R
S/N 29-0121
REG# N475RB

CUTTER AVIATION DEER VALLEY INC.
530 WEST DEER VALLEY ROAD
PHOENIX ARIZONA 85027
FAA APPROVED REPAIR STATION
W45R0450

Hour meter 434.8

Re-torqued oxygen line fitting. Replaced induction air filter with new p/n 600417-503. Replaced ignition switch with new. Fabricated engine oil drain hose.

DATE 8/23/99

SIGNATURE

[Signature]

W45R0450

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # Z0814

*****END*****

INTENANCE R

craft and / or C
e was repaired a
with current Fe
, and was fou
to service. Per
are on file at this

No. 00-81

uly 17, 20

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

le Sch

BLAKNEY AVIATION — WILEY POST AIRPORT — BETHANY, OK 73008

checked ELT and found satisfactory. (Battery due 1-2001). Altimeter and transponder test due 1-2002. Oxygen bottle test due 7-2003. Prop TSN 559.0 Hrs. since 7-97. Checked gear down lock tensions. Performed landing gear retraction and emergency extension checks. Found gear operation and all indications normal and smooth. See AD note list for one-time and recurring AD notes thru issue 00-13. "I certify this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition on this date".

Larry D. Brewer

A&P 362587812 IA

WO# 6721

Larry Brewer

7-18-2000

Hourmeter 499.0Hrs

TSN 559.0 Hrs

Repair

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
26 Feb 2001				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
26 Feb 2001	534.7			Thoroughly Inspected Aircraft For Airworthiness of Flight from TEB to BED on this day of 26 Feb 01. Ran AIRCRAFT + Check Security of Gear. All Check good see Ferry Permit
				Signature <i>[Signature]</i>
				Work Order # 10153 Date 26 Feb 01
				East Coast Aviation
				Hanscom AFB-Hangar 1730
				Bedford, MA 01731
				FAA Certified Repair Station EA6R508N
				Phone 781-274-0105 Fax 781-274-0714

40%	7990	8020	30	± 75
Calibrator	240	260	20	
A - C = DIFFERENCE →				10
				± 30

DATE 19__	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 M/N 59344B S/N 40404 was tested to 35,000 feet on 8-9-01 and the static system tests required by FAR 91.411 have been satisfactorily performed.

Date 8-9-01
Tech. or Hobbs. Time: 536.8

Signature 

East Coast Aviation
Hanscom AFB-Hangar 1730
Bedford, MA 01731

FAA Certified Repair Station EA6R508N

Phone 781-274-0105

Work Order # 910786

I certify that ATC Transponder Tests required by FAR 91.413 have been satisfactorily performed.

M/N KT 76A
Date 8-9-01

S/N 113059
Work Order # 910786

Tech. or Hobbs. Time: 536.8

Signature 

East Coast Aviation
Hanscom AFB-Hangar 1730
Bedford, MA 01730

FAA Certified Repair Station EA6R508N

Phone 781-274-0105

Fax 781-274-0714

N475RB

Work Order #10463

Aircraft ~~Time~~ 536.7

TOTAL TIME: 596.7

Date: 8/14/01

- Performed an Annual Inspection of the aircraft in accordance with inspection checklist contained in the Mooney Aircraft M20R service manual.
- Accessed and recorded all model numbers, part numbers and serial numbers of the aircraft, engine, propeller and accessories. Perform a computerized research of all potential Airworthiness Directives against these items thru bi-weekly issue #2001-13.
- Complied with FAR 91.207 (d) by removing the ELT unit from the aircraft and disassembled. Inspected for corrosion and other defects and none were noted. Replaced the batteries with a new expiration date of 4/03 Tested the "G" switch and noted proper operation. Reinstalled the ELT unit and performed an operational test which was satisfactory.
- Jacked the aircraft. Remove all 3 wheels. Removed, cleaned and inspected the wheel bearings for defects, wear, etc., none noted. Re-packed the wheel bearings with Aeroshell No. 5 grease. Disassembled each wheel assembly. Cleaned each wheel assembly and checked for wear, cracks and general condition, no discrepancies were noted. Reassembled each wheel assembly replacing any serviceable hardware as required. Reinstalled each wheel to the respective axle and set the wheel bearings drag. Saftied each nut using a new cotter pin.
- Thoroughly cleaned the landing gear using a grease soluble solvent under pressure. Used a bristle brush where necessary to remove stubborn deposits. Dried the landing gear using compressed air and shop wipes as required. Lubricated the landing gear in accordance with the lubrication guide contained in the Mooney Aircraft M20R service manual.
- Lubricated the aircraft in accordance with the lubrication guide contained in the Mooney aircraft M20R service manual.
- Accessed and removed both aircraft batteries. Serviced each battery in accordance with the battery manufacturers service instructions. Replaced left hand battery P/N G-243, S/N G01697915. Properly cleaned the battery location area and reinstalled each battery, secured as required.
- ENGINE SERIAL NO. 6T9276 REMOVED AND SERIAL NO. 808517-2 INSTALLED. SEE ENGINE LOG FOR DETAILS.

East Coast Aviation FAA CRS EA6R508N

- Removed and replaced the vacuum regulator filter and the gyro central air filter with new units. Also, replaced the vacuum pump inlet filter and the stand – by vacuum pump inlet filter.
- Removed each fuel cap. Disassembled and inspected. Carefully cleaned the shaft of the locking tab. Removed and replaced both O – rings. Reassembled using a new cotter pin to safety. Installed the fuel caps and set the fuel cap lever tension.
- Placed the fuel selector valve in the "off" position. Removed the fuel filter bowl, removed the fuel filter and inspected for contaminants, none were noted. Cleaned the filter and reinstalled. Installed the fuel filter bowl using new o-rings. Pressurized the fuel system to check for leaks and none were noted.
- Complied with Allied Signal Inspection Bulletin 343 in accordance with the associated instructions. Removed the Trim Carrier bearing, cleaned and inspected, no defects were noted. Re greased using MIL-G-23827 grease and reassembled the Trim Carrier bearing. Performed an operational check of the manual and electric trim system and noted smooth and satisfactory operation.
- Gained access to and removed the electric flap actuator gear box. Partially disassembled, cleaned and inspected visually for defects. Re-lubricated the shaft and ball screw with MIL-G-81322 grease in accordance with chapter 5 of the Mooney M20R service manual. Reassembled and installed the actuator in accordance with chapter 27-50-00. Verified proper flap rigging and operation. Next inspection due in 500 hours.
- Gained access to and removed each speed brake. Performed a 200 hour inspection in accordance with Precise Flight Inspection Checklist revision No. 6. Lubricated. Adjusted the left hand speed brake retract micro-switch cam. Each speed brake was reinstalled and an operational test completed with satisfactory results.
- Performed repairs to aircraft caused by a gear up landing incident. See FAA 337 form dated 8/14/01 for details.
- Right hand wheel rim cracked on inboard side. Disassembled right hand wheel assembly. Installed new outer wheel half P/N 162-02700. Reinstalled wheel assembly and torqued bolts to specifications. Installed tire to specifications.
- Found jamb nut the secures wing flap indicator potentiometer to be loose. Retourqed. Operational test good.
- Installed new cannon plug on left hand speed brake. Ops checked good.
- Replaced missing No Step placard (P/N 150080-6015) on right wing leading edge.

- Installed new alternate air door magnet and bushing. Ops check good.
- Replaced right hand outboard taxi light with new bulb P/N 4596. Operational test good.
- Replaced left hand inboard taxi light with new bulb P/N 4596. Operational test good.
- Replaced missing tire pressure placard on the nose gear door.
- Replaced tow limit placard.
- Shimmed nose gear steering horn and retorqued as necessary.
- Straightened bent rudder hinge fairing (2nd from top).
- Serviced brake reservoir as necessary.
- Removed side wall panel to access right hand fuel quantity sender gasket. Removed sender and cleaned all residual fuel from sidewall and floor. Cleaned sender and hardware. Installed sender with sealant. Installed new boots to wire terminals. Added 25 gallons of Avgas to tank with no leaks noted.
- Replaced broken right hand outboard and left hand elevator static wicks.
- Retorqued all screws in the cabin. Found right hand rear light switch panel to be loose and missing hardware. Painted screws flat black and reinstalled.
- Installed new AN3-3A bolt to the bracket that secures the right hand fuel return line on the firewall.
- Installed new aft wing flap actuator rod end with new hardware. Installed new hardware on forward rod end.
- Retorqued all hardware that was loose. Also adjusted flap up-stop. Sanded chafed, primed and painted lagoon green.
- Installed new trim link pin P/N 740170-003 with new bolts P/N AN5H-15 and AN5H-32. Torqued and salted.
- Complied with SB M20-275 by installing kit #M20-275-001. Operational check OK.
- Complied with SB M20-276 by installing kit #M20-276-001. Operational check OK.
- Complied with SL 00-3 Control tube hardware in accordance with paragraphs 1-6. No defects noted at this time.
- Complied with Mooney SI M20-106, Flight control joints paragraphs 1-8. No defects noted at this time.
- A final systems check was made at the conclusion of the above work with satisfactory results.

END

PAGE 3 OF 3

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.)
9-4-01			<p>Installed RCA ATT. Gyro s/n 11H04966 on Pilot side instrument panel.</p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service.</p> <p>Pertinent details of the repair are on file at this repair station under Work Order No. 13054</p> <p>Date <u>9-4-01</u> SIGNED <u>[Signature]</u> for</p> <p>THE RADIO SHOP FAA APPROVED CBS # FU2R633K LAFALETTE, LOUISIANA 70500</p>

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.)
1902				
2-22-02				<p>Removed Electric Artificial Horizon RCA 26BK-2 s/n 11H04966 102-00</p> <p>Installed RCA 26BK-2 s/n 11M0686. For the Radio Shop.</p> <p>Thomas L. Nolte FAA Rep. Cert. 2374644</p>

UNITED STATES

Facility. (See back pages for other specific entries.)
Date Number of Technician or Repair

2-26-01 - 1-H = 647.5 - install tach instrument after
overhaul - see Tag - run up check c/c Jack Burgh
DP1940083

FAA FORM

UNITED STATES

Entries must be endorsed with name, rating
Facility. (See back pages for other specific entries.)

DATE
19
RECORDING
HOUR
TIME
TODAY'S
FLIGHT
TIME IN
SERVICE

4-1-02 - HM = 0501 - install tach instrument
after overhaul - see form 8130-3 attached to
this page - run up check c/c Jack Burgh
DP1940083

TIME SERVICE Entries must be endorsed with Name, Rating and Certificate Number of Technician Repair Facility. (See back pages for other specific entries.)

3-13-02 Replaced ATT Gyro RCA26BK-2 S/N 11H0496G +
Ops Ch. OK. Removed Loamer.
The Radio Shop
CRS FU2R833K

PAI PRECISION AVIONICS & INSTRUMENTS
FAA REPAIR STATION # ZV4R714M
☐ B/C ☒ REPAIRED ☐ OVERHAULED
W/O 31851K DATE: 318102
ATLANTA, GA • 404-767-5800 • Fax 404-767-5900

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.)

3-19-02 Tach 655.0 Replaced 4/H Main Tire +
Nose Tire. Filled brake Reservoir with
fluid.
Beynon Bennett
#482061306

5-18-02 Tach 681 Replaced #2 Battery (Co-Pilot side) with new
Concord #CB2411M SN 443434, checked
OK. Jim Bendure #435685511

758747

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
826-02	732.7	732.7
		Performed Annual Inspection, raise aircraft on jacks. Rerigged landing gear down preload + inner landing gear door closure. Performed landing gear retraction test. Replaced landing gear rubber shock disc on left + right main gear p/n 530021-000. Cleaned & repacked wheel bearings. Lubricated landing gear pivot points. Replaced all brake pads L+R side. Bled brakes with 5606A brake fluid. Checked emergency landing gear extension. Cleaned + inspected fuel governor. Replaced

cont.

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
2002				
			cont.	fuel cap O-rings. Installed Duracell ELT batteries. C/W FAR. Para. D 1 thru 4 ELT sensor test. Install new ignition switch p/n 97-2273-1 S/N 491. Removed oil temp gage for repair by Aircraft Instrument Support Service Inc. See yellow tag + W/O 208035. C/W Moray S.I. M20-83 installed new alt air door magnetic latch. Install new air conditioning idler pulley bearing p/n 643368. Replaced air conditioning belt. Installed new vacuum pump p/n 14128-006 S/N T392724

DATE <i>Dec 19</i>	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.)
				cont. Inspected interior + exterior of wings, fuselage, + empennage.
				Larry J. Jenschke AEP 461250405
				8-26-02 I.T. IN SERVICE 732.7
				Dugosh Aircraft Serv. Co., Inc. P.O. BOX 981 PHONE 257-7230 KERRVILLE MUNICIPAL AIRPORT KERRVILLE, TEXAS 78028
				AD'S CHECKED THRU: 2002-16 I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Ronnie Kramer</u> NUMBER: <u>464868605 1A</u>
				11-1-02 Removed ART: final Horizon PW KI256 060-0017-00 S/W 21522 and installed overhauled unit KI256 PW 060-0017-00 S/W 19246. For the Record 5 Nov. Thomas L. Habart FAA Rep. Cert. 2374644 W.D. 13608

DATE <i>12-2-02</i>	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.)
				12-02-02 installed EGT - CHT and oil Temp Probes on engine FAH Electronics International Inc. 5TC SA006805P - See Form 337 Dated 12-2-02 <u>Larry J. Jenschke AEP 461250405</u>
				The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service.
				Pertinent details of the repair are on file at this repair station under Work Order No. <u>13642</u> Date <u>12-2-02</u> Signed <u>[Signature]</u> for THE RADIO SHOP FAA APPROVED CRS # FU2R833K LAFAYETTE, LOUISIANA 70509
				THE RADIO SHOP CRS FU2R833K 116 JOHN GLENN DR. LAFAYETTE, LA 70508
				THE FOLLOWING EQUIPMENT ALTERATIONS HAVE BEEN COMPLETED: Install ENGINE ANALYZER UBG-16 SEE FAA FORM 337 DATED 12/2/02 FOR DETAILS. CORRECTED WEIGHT AND BALANCE AND REVISED EQUIPMENT LIST. NEW EMPTY WEIGHT: 2413.60 NEW EMPTY WEIGHT C.G.: 4.60 NEW MOMENT: 11098.00 GROSS WEIGHT: 3368.00 NEW USEFUL LOAD: 954.40 SUPERCEDES PREVIOUS WEIGHT : 7/22/97
				NAME: <u>[Signature]</u> DATE: <u>12-2-02</u>

Assemblies from the airworthiness authority of the country specified in Block 1.

Maintenance records must contain an installation certification issued in accordance with the national

DATE

19__

12-2-02 - install new throttle control in 660226-027
 ran up check oil - Trans J Burleigh AP1940083
 4-1-03 - install new Strobe Light Bulb on LH
 3- wing tip MA 610 - ops check ok -
 Trans J Burleigh AP1940083

Repair

DATE
19__

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Facility. (See back pages for details.)

Altitude(s) tested as required by FAR 91.411

IAW FAR 43 Appendix E, Para. (b).

Pilots 5934PA-3 S/N 401404 Altimeter

C/P S/N Altimeter

Tested to 35000 Feet

Lee Clark 8-9-03

Signature & Date

THE RADIO SHOP
 FAA APPROVED CRS # FU2R833K
 LAFAYETTE, LOUISIANA 70509

Static System tested as required by FAR 91.411
 IAW FAR 43 Appendix E, Para. (a).

Lee Clark 8-9-03

Signature & Date

THE RADIO SHOP
 FAA APPROVED CRS # FU2R833K
 LAFAYETTE, LOUISIANA 70509

ATC Transponder tests & Inspections as required by FAR
 91.413 IAW FAR 43, Appendix E, have been performed

Transponder Model K4-76A S/N 113059

Transponder Model S/N

Lee Clark 8-9-03

Signature & Date

THE RADIO SHOP
 FAA APPROVED CRS # FU2R833K
 LAFAYETTE, LOUISIANA 70509

Automatic Pressure altitude reporting equipment and
 ATC transponder system integration test performed

IAW FAR 43, Appendix E, Part C. W/O No. 13881

Lee Clark 8-9-03

Signature & Date

THE RADIO SHOP
 FAA APPROVED CRS # FU2R833K
 LAFAYETTE, LOUISIANA 70509

DATE 19__	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.)
--------------	---------------------------	-------------------	-----------------------------	--

Paul Fournet Air Service Inc.
FAA Approved Repair Station HFBR633E
Lafayette, LA (337) 237-0520

LOG BOOK ENTRY

N475RB MOONEY M20R S/N 29-0121 HM - 876.8 TTAC - 936.8 8-12-03

Inspected all controls, push rods and surfaces. Inspected interior of aircraft and all seats and belts. Inspected all windows and windshield. Checked all aircraft lights. Installed new ELT batteries. - due replacing August 2004. Inspected ELT and operational checked as per FAR 91.207 - checked OK. Cleaned all fuel screens. Installed new landing gear down switch p/n P6-24014 and rigged as per maintenance manual. Lubricated gear system. Performed gear retraction test OK. Installed new right main tire. Inspected all tires, wheels and brakes. Cleaned, inspected and repacked all wheel bearings. Sent oxygen bottle in for hydrostatic test. Reinstalled bottle and serviced with oxygen. *continued on*

next page

DATE 19__	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 <u>AIRCRAFT</u> HAS BEEN INSPECTED
				IN ACCORDANCE WITH A <u>ROUTINE</u>
				INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION
				TOTAL TIME <u>936.8</u> TAC = <u>876.8</u>
				WORK ORDER <u>9701-9702</u>
				DATE <u>8-12-03</u>
				<u>Paul Fournet</u>
				AUTHORIZED SIGNATURE
				PAUL FOURNET AIR SERVICE, INC.
				FAA CERTIFIED REPAIR STATION HFBR633E
				MUNICIPAL AIRPORT, LAFAYETTE, LA

[illegible]

NAME: Ken Clark THE RADIO SHOP
FAA APPROVED CREG FU2R833K
DATE: 1-6-04 LAFAYETTE, LOUISIANA 70509

Paul Fournet Air Service Inc.
FAA Approved Repair Station HFBR633E
Lafayette, LA (337) 237-0520

LOG BOOK ENTRY

N475RB MOONEY M20R S/N 29-0121 HM - 1045.7 TTAC - 1105.7 8-20-04

Inspected all controls, push rods and surfaces. Inspected interior of aircraft and all seats and belts. Inspected all windows and windshield. Checked all aircraft lights. Installed new ELT batteries. - due replacing August 2005. Inspected ELT and operational checked as per FAR 91.207(D) - checked OK. Cleaned all fuel screens. Lubricated gear system. Performed gear retraction test OK. Inspected all tires, wheels and brakes. Cleaned, inspected and repacked all wheel bearings. Installed new section of brake line in belly of aircraft. Bled brakes - checked ok

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
IN ACCORDANCE WITH A Repair
INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION
TOTAL TIME 1105.7
WORK ORDER 12 99-1300
DATE 8-20-04

AUTHORIZED SIGNATURE
PAUL FOURNET AIR SERVICE, INC.
FAA CERTIFIED REPAIR STATION HFBR633E
MUNICIPAL AIRPORT, LAFAYETTE, LA

or Repair

DATE
19__
RE
TAX
TIN

AERO COMFORT

Interior components:

- ☐ Seats
- ☐ Panels
- ☐ Carpet
- ☒ Other (Reweb Seatbelts w/ Inertia Reel)



Recovered using approved materials and standard practices. For detail of work scope view Invoice #723 located at Aero Comfort. Components approved for return to service. Limited to work accomplished at Aero Comfort FAA Repair Station # JFOR772N

Aircraft Nationality and Registration Mark: N475RB

Signature: [Signature]

Date: 12/10/04

Alterations
ate Number of Technician or Repair

DATE
19__
R
T
T

3-05

Removed VTB S/N 9706-100 and installed
Exchange Unit S/N A05-11066. Ops CK unit
OK.

The aircraft and/or component
identified above was repaired and
inspected in accordance with cur-
rent regulations of the Federal
Aviation Agency and is approved
for return to service.

Pertinent details of the repair
are on file at this repair station
under Work Order No. 14483

Date 3-3-05Signed [Signature] for

THE RADIO SHOP
FAA APPROVED CRS # FU2R333K
LAFAYETTE, LOUISIANA 70509

ations

ber of Technician or Repair

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 Tech, Facility. (See back pages for other specific entries.)
5-11-05				Removed KI-525A-07 and installed overhaul unit KI-525A-07 S/N 89136. Ops CK OK.
				The aircraft and/or component identified above was repaired and inspected in accordance with cur- rent regulations of the Federal Aviation Agency and is approved for return to service.
				Pertinent details of the repair are on file at this repair station under Work Order No. _____
				Date <u>5-11-05</u>
				Signed <u>[Signature]</u> for
				THE RADIO SHOP FAA APPROVED CRS # FU2R333K LAFAYETTE, LOUISIANA 70509.

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.)
ATC System tested as required by FAR 91.411 IAW FAR 43 Appendix E Para. (a). <i>[Signature]</i> 11 Aug 05 Signature & Date THE RADIO SHOP FAA APPROVED CRS # FU2R833K LAFAYETTE, LOUISIANA 70509	Automatic Pressure altitude reporting equipment and ATC transponder system integration test performed IAW FAR 43, Appendix E, Par. C. W/O No. <i>[Signature]</i> 11 Aug 05 Signature & Date THE RADIO SHOP FAA APPROVE CRS # FU2R833K LAFAYETTE, LOUISIANA 70509
ATC Transponder tests & inspections as required by FAR 91.413 IAW FAR 43, Appendix F, have been performed Transponder Model <u>KF 73</u> S/N Transponder Model <i>[Signature]</i> 11 Aug 05 Signature & Date THE RADIO SHOP FAA APPROVED CRS # FU2R833K LAFAYETTE, LOUISIANA 70509	Altimeter (s) tested as required by FAR 91.411 IAW FAR 43 Appendix E, Para. (b). Pilots <u>5934PA-3</u> S/N <u>401404</u> Altimeter C/P S/N Altimeter Tested to <u>35,000</u> Feet <i>[Signature]</i> 11 Aug 05 Signature & Date THE RADIO SHOP FAA APPROVED CRS # FU2R833K LAFAYETTE, LOUISIANA 70509

Paul Fournet Air Service Inc.
Lafayette, LA (337) 237-0520

LOG BOOK ENTRY

N475RB MOONEY M20R S/N 29-0121 HM =1215.3 TTAC - 1275.3 8-10-05

Inspected all controls, push rods and surfaces. Inspected interior of aircraft and all seats and belts. Inspected all windows and windshield. Checked all aircraft lights. Cleaned all fuel screens. Lubricated gear system. Performed gear retraction test OK. Inspected all tires, wheels and brakes. Installed all new brake linings. Cleaned, inspected, and repacked all wheel bearings. ELT p/n 450001 removed and sent to factory for repair and placard installed on instrument panel. See AD list for AD Compliance record. END

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
 IN ACCORDANCE WITH A Annual
 INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION
 TOTAL TIME 1275.3
 WORK ORDER 1665-1666
 DATE 8-10-05
[Signature] JERED J. BIJEUX
 JA 002766091

or Repair

DATE 19__	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
		8/15/2005 Replaced #2 Copilot Side Battery w/ M. 11 #2413 / SN D02201580 @ Hobbs 1,217.0 (TTAD 1277)
		all ok Sam Raudway Pilot # 43568571
9-9-05		installed new ELT P/N 450001 - AK-450 S/N 478167 - ops check good Batt. due replace 9-06 - Lead Bolt HP1940083

DATE 19__ SERVICE FAA Form ACA-337 by Date, or to the work Order by Number and the Approving Agency

PO BOX 90064
LAFAYETTE, LA. 70509
CRS FU2R833K

REMOVED AND EXCHANGE MC41-528 SWITCHER S/N 1127. OPS CHECK SYSTEM OK.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent to the repair are on file at the repair station under Work Order # 14729

Date 5-31-05

Signed [Signature] for

THE RADIO SHOP
FAA APPROVED CRS # FU2R833K
LAFAYETTE, LOUISIANA 70509

DATE

TOTAL

Reference of Major Repairs and Major Alterations To

Reg.: N475RB

Make/Model: Mooney M20R

Serial No.: 29-0121



Mattituck Service Centers

TCM Mattituck Service Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Installed a new right main tire. Tightened all wheel retainer nut to adjust wheel bearing tension. Installed a new air conditioner belt that was furnished by the owner. Cleaned tach quick disconnect connector and treated pins and receptacles with Stabilant 22 contact enhancer. Completed a ground operational check. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C. Gindsey
 Details of the work performed is on file under Work Order No. 2803

Date: 02/13/2006

Hobbs Time: 1305.6

Total Time: 1305.6

TTAC 1365.6

DATE

19

A.D.
NUMBERTOTAL
TIME IN
SERVICE

Airworthiness Directives

Chronological Listing of Compliance and Method of Compliance



Paul Fournet Air Service

Lafayette, LA.

337-237-0520

TTAC 1400

N 475RB HOBBS 1340.0 LNDGS N/A DATE 4-26-2006

1. Removed nose wheel. Disassembled and inspected. Bearings, cleaned, inspected & lubricated. Re-assembled with new 5.00-5, 6 ply tire and new tube. Inflated to 30 PSI. Re-installed, axle nut torqued and safetied.
2. Serviced oxygen as required.

FINAL INSPECTION WORK ORDER 1946 DATE 4-26-06

Jeff S. Hite ADP 438061178

AUTHORIZED INSPECTOR
 PAUL FOUR NET AIR SERVICE
 MUNICIPAL AIRPORT, LAFAYETTE, LA.

Paul Fournet Air Service
Lafayette, LA.
337-237-0520

TTAC 1438.4

N 475RB HOBBS 1378.4 LNDGS UNK DATE 8-7-2006

Performed an Annual Inspection I/A/W Paul Fournet Air Service Single Engine Inspection Form and the Mooney M20R Maintenance Manual per FAR App. D and the following Discrepancies were corrected.

1. **A.D. 84-26-02** – Inspection of air filter, no defects noted at this time. **Next due Hobbs 1878.4**
2. **E.L.T.** – Inspected I/A/W FAR 91.207(d). No defects noted at this time. Battery Due April 2010.
3. **Oxygen Bottle** – Removed oxygen bottle P/N 895-08015, S/N ALT282-5245. Bottle inspected and repaired by Safetech under W.O. 01158. Bottle re-installed and serviced as required. Leak check Satisfactory at this time. **Next due by 8-2009. Bottle due Retirement by 2-2012.**
4. Replaced vacuum filter P/N RA1J4-6.

continued

DATE

19



Paul Fournet Air Service
Lafayette, LA.
337-237-0520

TTAC 1438.4

N 475RB HOBBS 1378.4 LNDGS UNK DATE 8-7-2006

Aircraft ground run and leak check satisfactory at this time.

I CERTIFY THAT THIS Airplane HAS BEEN INSPECTED
IN ACCORDANCE WITH A Annual / 100 hr
INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION
TOTAL TIME 1378.4
WORK ORDER 2053
DATE 8/7/06
Jerred J. Bijeaux IA 002766091
JERRED J. BIJEUX
IA 002766091

DA
19MAKE: Mooney
MODEL: M20R
S/N: 29-0129
REG. NO: N475RB
WORK ORDER:
713-09-2006

Don Maxwell Aviation Services, Inc.

390 Central Road - East Texas Regional Airport
Longview, Texas 75603
Phone: 903-643-9902DATE: 9/20/2006
A/C TSN: 1465
TACH: 1465

Airframe Entries

(1) Removed factory tach. Installed EI R-1-6 tach. Log books reviewed and A/C total time entered in new EI Tach as 1465.0... (2)
Repaired/ replaced engine baffle in front of #5 cylinder.

Don Maxwell A&P 1784050

DATE: 9/20/2006

SIGNED:

Don Maxwell

Work Order: 713-09-2006

Printed by EBis 3 (datcomedia.com)

☐ Removal of Required-Exchanged for Optional☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required-Exchanged for Optional
☐ Removal of Required-Exchanged for Optional☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required-Exchanged for Optional
☐ Removal of Required-Exchanged for Optional☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required-Exchanged for Optional
☐ Removal of Required-Exchanged for Optionalpment
ipment
changed for Optional
changed for Optionalpment
ipment
changed for Optional
changed for Optionalpment
ipment
changed for Optional
changed for Optional

Paul Fournet Air Service

Lafayette, LA.
337-237-0520

N 475RB TACH 1481.9 LNDGS N/A DATE 11-6-2006

1. Removed R/H brake caliper. Disassembled, cleaned and inspected. Replaced o-rings P/N MS28775-220. Replaced brake linings P/N 066-10500. Bled brakes and serviced reservoir as required.

FINAL INSPECTION WORK ORDER 2137 DATE 11-6-06

Barry Bul
AUTHORIZED INSPECTOR
PAUL FOUR NET AIR SERVICE
MUNICIPAL AIRPORT, LAFAYETTE, LA.12/4/2006 Removed #11243 S/N 2021344 20 Batts
+ Installed Con Cord Sealed # R241111 Batts
S/N 40153967 @ 1495.1 (TACH) Pilot/Owner
#3187993☐ Removal of Optional Equipment
☐ Addition of Required-Exchanged for Optional
☐ Removal of Required-Exchanged for Optional
☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required-Exchanged for Optional
☐ Removal of Required-Exchanged for Optionaluipment
quipment
xchanged for Optional
Exchanged for Optionaluipment
quipment
xchanged for Optional
Exchanged for Optionaluipment
quipment
xchanged for Optional
Exchanged for Optionaluipment
quipment
xchanged for Optional
Exchanged for Optionaluipment
quipment
xchanged for Optional
Exchanged for Optional

DATE 19__	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
	3/28/07	TACH 1526.4				<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
		Moved to Book # 2				<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
		3/28/07				<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
						<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
						<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional

Sel Book #2
 Next Book →