

Airborne

Air Filter Change Reminder

Changed at:

971.2 Hrs.

10/9/03 Date

D9-18-1

SI300-21 July 2002

Next Change:

1471.2 Hrs. *OR*

10/04 Hrs.

Parker

Airborne

Air Filter Change Reminder

Changed at:

971.2 Hrs.

10/9/03 Date

234-6

SI300-21 July 2002

Next Change:

1471.2 Hrs. *OR*

10/04 Hrs.

Parker

N9167J



The Standard

AIRCRAFT LOG



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Kell Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY

10-21-2002

E.L.T. BATTERY

REPLACEMENT DATE

12/04

PAINT COLOR INFORMATION

N 9167J SN 27-0168

TOP COLOR Racing White COLOR NO. WP 696 MFG P&H

ACCENT COLOR Gold COLOR NO. H8066 U MFG DUPONT

^{Trim}
TAIL STRIPE Gold COLOR NO. H8066 U MFG DUPONT

BOTTOM WING Claret Red COLOR NO. WP 550 MFG P&H



MOONEY AIRCRAFT CORPORATION

P.O. BOX 72, KERRVILLE, TEXAS. 78029-0072

Aircraft Record General Information

Manufacturer Mooney Aircraft Corp. Model M20M
Serial 27-0168 Registration Number N9167J
Date of Manufacture 1994

Engine(s) currently installed:

Manufacturer Lycoming Model TIO-540-AF1A ^{AF1B SEE ENG LOG 7-29-96} Serial L-9459-61A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCaulley Model _____
HUB Model B3D32C417 Serial 930728 Serial _____
Blade Model 82NRD-7 Serial NB083 Serial NB088 Serial NB091
Blade Model _____ Serial _____ Serial _____ Serial _____

DATE 19 <u>94</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.)
MAY 3			24.1	<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>
MAY 4			25.4	<p>THIS AIRCRAFT HAS BEEN FLIGHT TESTED IN ACCORDANCE WITH MOONEY AIRCRAFT SPECIFICATION 020009 AND FOUND SATISFACTORY.</p> <p><i>[Signature]</i></p> <p>POR FAA ACO ASW 150</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.)
5-4-94			25.4	Complied with Teledyne Continental SB No. 636 Bendix /TCM Ignition Switch Inspection. Mooney Aircraft Corp. TC243 By: <i>Nicholas G. Hills</i>
5-4-94			25.4	Complied with AD 93-02-05 by inspecting fuel lines, nozzles and clamps per Lycoming SB No. 342 A. Mooney Aircraft Corp. TC243 By: <i>Nicholas G. Hills</i>

DATE 19 <u>94</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.)
				I certify that the Altimeter tested to <u>35,000</u> feet on <u>2-22-94</u> and Static System tests required by FAR 91.411 have been performed.
				MOONEY AIRCRAFT CORP. TC 2A3
				By <u>Michael G. Heile</u> 5-5-94
				I find that the aircraft meets the requirements for the certification requested and have issued a (Standard) (Special) Airworthiness Certificate Dated <u>5-5-94</u> . The next Annual Inspection is due <u>5-5-95</u> .
				SIGNED: <u>Michael G. Heile</u> DMIR SW-6136
				Total Time 25.4 hrs.
				I certify that the encoding altimeter tests required by FAR 91.217(b) have been performed.
				MOONEY AIRCRAFT CORP. TC 2A3
				By <u>Michael G. Heile</u> 5-5-94

[illegible]

DATE

19

SUGAR LAND JET CENTER, INC P.O. BOX 1887 SUGAR LAND TEXAS 77487
(713) 242-2292 FAX (713) 242-2241

Repair

11/18/94 N9167J M20M 27-0168 ACTT 120.1 HM 120.1 WO #109434/119418

PERFORMED A HARD LANDING INSP AND ACCOMPLISHED THE FOLLOWING:

INSPECTED STRUCTURAL AREAS IN BOTH WINGS; NO DEFECTS NOTED AT THIS TIME.

JACKED AIRCRAFT, REMOVED BOTH MAIN GEAR, DISSASSEMBLED; SENT TO FALCON ACC/CRS GP2R854K FOR NDT INSPECTION, NO DEFECTS FOUND; REPAINTED LEG ASSY'S, REASSEMBLED GEAR WITH NEW RUBBER CUSHIONS (BISCUITS) PN 530021; REINSTALLED, RETRACT CHECK SATIS.

REPLACED BOTH R/MAIN GEAR DOORS O/B PN 550065-504, I/B (MIDDLE) PN 550089-904; RIGGED ACCORDINGLY, RETRACT CHECK SATIS.

REPLACED R/H O/B GEAR DOOR SPRING PN 110003-7.

REPLACED BOTH MAIN TIRES; REPACKED WHEEL BEARINGS IN SAME.

REPAIRED R/WING TIP BY REGLASSING AND REPAINTING. (TIP WAS NOT REMOVED AT THIS TIME)

REMOVED R/AILERON; REPAIRED BY ARCO SHEET METAL/HOUSTON, (SEE LOG ENTRY); REPLACED STATIC WICK PN DD-1W & BASE PN B-1; REPAINTED LOWER SKIN, BALANCED AND REINSTALLED ON AIRCRAFT.

REPLACED R/WING TIP NAV LENS PN 68-4250066-30, LAMP PN 34-0228030-85 & COVER PN 800032-1; OPS CHECK SATIS.

REPLACED TAIL TIE DOWN RING PN 350187-001; REPAINTED AS REQUIRED.

REMOVED BOTH BATTERIES, CHARGED AND REINSTALLED.

I CERTIFY THAT THIS AIRCRAFT AND/OR COMPONENTS AS REFLECTED IN THIS ENTRY HAVE BEEN REPAIRED IN ACCORDANCE WITH CURRENT FAR'S AND IS APPROVED FOR RETURN TO SERVICE.

DONALD SIMS

AP 457939487

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.)
				<p>NA167J 3-17-95 HM 134.3 w/o 39521</p> <p>1) BLEED BRAKES & SERVICED RESERVOIR.</p> <p>2) SERVICED BATTERY AND TIRES.</p> <p>3) REPLACED NOSE WHEEL BRG AND RACES; LUBED SAME.</p> <p>4) REMOVED NLGA ASSY; REPLACED RUBBER SHOCKS, (DOUGH NUTS) INSPE GEAR & REINSTALLED; RETRACT V SATIS.</p> <p>This aircraft and/or component(s) has been repaired in accordance with current FAR's and is approved for return to service. W/O <u>39521</u></p> <p>Acct <u>134.3</u> Cycles <u>—</u> Date: <u>3-17-95</u></p> <p>Signature <u>J. T. Four</u> Cert.# <u>A2574227241</u></p> <p>SUGAR LAND JET CENTER HOUSTON, TEXAS</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.)
6/1/95	154.5		154.5	Annual inspection completed this date. Reinstalled #2 KX155 after repair by Bendix/King CRS#PR2R093L under W.O.# A04034. Swung compass and installed new correction card. Replaced overhead speaker. Repaired fuel leak under wing walk. Replaced vacuum regulator gasket filter. Installed missing placards as necessary. Shimmed nose gear and rigged gear system. Replaced nose gear tire. Rigged flap system. Replaced L+R

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6/1/95	(Continued)			fuel vent scoops. Replaced flap indicator potentiometer. Rigged rudder trim system. Replaced fuel cap O-rings. Replaced ELT battery. New replacement date 6/97. C/W TCM SB 636 Ops check of Ignition switch. I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition this date & time. W.O. # 9956. END.
				Tom Benschwah
				Menden Benschwah

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.)

fuel vent scoops. Replaced flap indicator potentiometer. Rigged rudder trim system. Replaced fuel cap O-rings. Replaced ELT battery. New replacement date 6/97. C/W TCM SB 636 Ops check of ignition switch. I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition this date & time. W.O.# 9956. END.

Tom Bierschbach
Mooney Aircraft Corp.
CNS # 54427201 © ASA 1990

DATE 19 <u>95</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.)
12/6	268.2		268.2	1) Set & adjusted VAC Sys Pressure Per M.M. specs, adjusted VAC WARN switch low end ops ✓ Satis.
				2) Jacked aircraft, adjusted L/MAIN downlock bungee to obtain correct down lock tension (Tng ✓ to 280 in Lb); adjusted down limit switch paddle 1/16" in direction of switch, Retracted gear, ck'd and adjusted L/main to correct tension/Tng. Performed several retractions in normal & emergency modes, Satis.
				Work performed in accordance with m20m M.M. Chap 32-30-03.
				3) Removed #3 Batt, charged, Reinstalled

This aircraft and/or component(s) has been repaired in accordance with current FAR's and is approved for return to service. W/O 114538
 Acc't 268.2 cycles
 Signature [Signature]
 Date: 12-6-95
 Cent. # 114538
 SUGAR LAND JET CENTER
 HOUSTON, TEXAS

DATE

19

1/24/96

N9167J

Operations

Number of Technician or Repair

Removed KLN90A S/N 11458. Installed KLN 90B
S/NX80342 & INSSDU III S/N 3588. The installation
was performed in accordance with the King KLN90B
installation manual and the AC 43.13 1A & 2A.
System operational checked normal. Equipment list
was updated. GPS is placarded "FOR VFR USE ONLY".

**SOLAPP AVIONICS INC. OSJR598L**

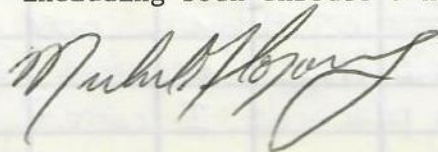
Sugar Land Municipal Airport
12888 Highway 6 S. Suite 105
Sugar Land, TX 77478

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.)
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2/19/96

N9167J

This log entry records that VFR restrictions on the King GPS KLN 90B navigation system installed on W/O 3815 dated January 24, 1996. All work was done in accordance with STC SA00241WI-D and all testing was done to insure it meets the requirements of AC20-138. Since this A/C is a M20M for which the STC was done the flight manual supplement has been approved by this repair station. Flight data is on file at this repair station. System accuracy is within the allowable limits published in AC20-138 for IFR operation including both enroute & nonprecision approach.



SOLAPP AVIONICS INC. 05JR598L
 Sugar Land Municipal Airport
 12888 Highway 6 S. Suite 105
 Sugar Land, TX 77478

DATE 19 <u>96</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.)
7/29/96	248.0		248.0	<p>Repaired damage to aircraft. See FAA Form 337 in Potl for information regarding this repair, this date. Annual inspection completed this date. Replaced #1 COMM ANTENNA. Repaired wire on autopilot roll servo. Reconnected rudder trim indicator. Replaced flap indicator rheostat. Adjusted L/H speed brake retraction microswitch. Replaced L/R wing tip lens. Bled brakes. Replaced both batteries. Adjusted nose wheel steering. Adjusted flaps. Lubricated yokes. Installed missing placards. I certify that this airframe has been inspected IAW</p>

DATE 19 <u>96</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.)	
7/29	(Continued)			<p>an annual inspection and was determined to be in an airworthy condition this date W.D. 10200 GND.</p> <p>I certify that the altimeter tested to <u>35,000</u> feet on <u>8/1/96</u> and Static System tests required by FAR 91.411 have been performed.</p> <p>MOONEY AIRCRAFT CORP. CRS # FH2R820K</p> <p>By <u>James G. Schmidt</u></p>	
				<p>Ch 2 J</p> <p>CRSFH2R820K</p> <p>Mooney A/cft. Corp.</p> <p>I certify that A T C transponder tests required by FAR 91.413 have been performed.</p> <p>MOONEY AIRCRAFT CORP. CRS # FH2R820K</p> <p>By <u>James G. Schmidt</u></p>	
				<p>I certify that the encoding altimeter tests required by FAR 91.217(b) have been performed.</p> <p>MOONEY AIRCRAFT CORP. CRS # FH2R820K</p> <p>By <u>James G. Schmidt</u></p>	

[illegible]

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.)
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N9167J 12-10-96 W/O # 129631 HM 358.1


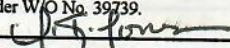
- 1) REPLACED R/MAIN TIRE AND TUBE; REPACKED AND INSP BEARINGS.
- 2) REPLACED NOSE TIRE AND TUBE; REPACKED & INSP BEARINGS; BALANCED.
- 3) JACKED A/C; PERFORMED GEAR RETRACT AND FLT OF AIRSPEED SAFETY SYSTEM. OPS ✓ SATIS WITHIN M.M. PARAMETERS.

This aircraft and/or component(s) has been repaired in accordance with current FAR's and is approved for return to service. W/O 129631

Acct HM 358.1 Cycles — Date: 12-10-96

Signature L.D. Jones Cert.# AP574227741

SUGAR LAND JET CENTER
HOUSTON, TEXAS

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.)
				<div style="border: 2px solid red; border-radius: 15px; padding: 10px; text-align: center;"> <p>SUGAR LAND JET CENTER, INC.</p> <p>12888 HIGHWAY 6 SOUTH SUGAR LAND, TEXAS 77478 (713) 242-2292 / 242-2238 242-2241 (FAX)</p>  <p>3/27/97 N9167J M20M 27-0168 ACTT 386.3 HM 386.3</p> <ol style="list-style-type: none"> 1) JACKED A/C; REPLACED DOWN LIMIT SWITCH PN P6-24014; CHECKED DOWN RIGGING PER M.M., SATIS. 2) REPLACED NLG TRUSS ASSY PN 540001-503 & ATTACH HARDWARE; CHECKED RIGGING PER M.M., SATIS. 3) PERFORMED SEVERAL GEAR RETRACTS IN NORMAL & EMERG MODES, SATIS. REMOVED A/C FROM JACKS. <p>I certify that the aircraft, engine, propeller or appliance identified above was repaired & insp in accordance with current FAR's under which the operator is certified & is approved for return to service as per those requirements. Pertinent details of the repair are on file at this repair station under W/O No. 39739.</p> <p>J. KEITH JONES </p> <p>FAA Certified Repair Station No. VDNR923B</p> </div>

DATE 19__	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>
7/23/97	435.1		435.1	Annual inspection completed this date.
				Replaced vacuum regulator gasket filter.
				Replaced fuel cap O-rings & adjusted
				Caps. Lubricated trim servo carriage
				bearing. Swung compass and installed
				new correction card. Rigged pitch
				trim system. Replaced spring on aux
				power door. Tightened R/H static port.
				Resoldered loose connection in tach wiring.
				Adjusted throttle boost pump switch.
				Replaced overhead light fuse. Replaced
				L&R brake linings. Replaced tail strobe

© ASA 1993

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7/23/97	(Continued)			flash tube. Replaced L/H aft nav light bulb. Replaced one bulb in center console. Replaced rotating beacon lens. Rigged landing gear system. Repositioned emergency mike & phone jacks to prevent shorting. Correctly installed pilot seat belt. Installed missing storemscope placard. Replaced defective CHT probe & relocated to #3 cylinder as required by SI M20-101C. C/W SI M20-103 modification of gear warning system wiring by installation of Kit #M20-103-001.

[illegible]

DATE

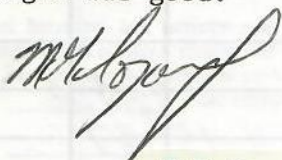
19__

11/18/97

N9167J

W05810

Installed loaner KI256 S/N7603 to check autopilot intermittent problem. Reinstalled KI256 S/N19238. Instrument filter was changed. Autopilot KC192 S/N53078 was removed and S/N X53950 was installed. It was an overhauled exchange unit. Operation was normal and owner's test flight was good.



SOLAPP AVIONICS INC. OSJR598L
Sugar Land Municipal Airport
150 Terminal Lane Suite 140
Sugar Land, Texas 77478

Airborne**Air Filter Change Reminder**

Changed at:

Next Change:

Hrs.

Hrs.

10-16-97
Date

Parker
Aerospace

ations

Number of Technician or Repair

[illegible]

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.)
2/20/98	528.6			Installed landing gear relay retrofit kit. P/N 940084-503. Installed gear uplimit switch retrofit kit P/N 940112-501. C/W SI M20-104 landing/taxi light rotation. Replaced fuel cap O-rings and adjusted caps. Replaced L/H fuel sump drain. Replaced airspeed safety switch. New S/N 1445. Pitot/Static leak check good. W/O.#10622. End. Tom Benschwald Mooney Factory Service CRS# FH2R820K

DATE 19 <u>98</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.)
7-17-98	548.3		548.3	Opened inspection panels, inspected aircraft, lubed air frame, performed retraction check, serviced batteries, replaced ELT battery - next due, adjusted & lubed fuel caps, found brake system full of air - leak in plastic tubing at tee fitting feeding master cyls, replaced ferrule and bled system at fittings and bleeder screws, repaired intercooler airbox and replaced alternate air duct,
				I certify that this <u>aircraft</u> has been inspected in accordance with <u>an annual</u> inspection and was found to be in an air-worthy condition. <u>H. T. Snarr ATP 307609261</u> BRAY AIRCRAFT MAINTENANCE

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 <u>98</u> <u>7-17</u>			<u>598.3</u>	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 transponder in this aircraft has been tested
and meets the requirements of FAR 91.413 and FAR 43-Appendix F.

Signed: [Signature] Date: 7/17/98

Work Order Number 6699

Certified Repair Station OSJR598L

SLOAPP AVIONICS INC. OSJR598L
SUGARLAND MUNICIPAL AIRPORT
150 Terminal Lane Suite 140
Sugar Land, Texas 77478

KT 76A - SN# 93770

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
1998 7-17			598.3	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, static system, and altitude reporting equipment was tested and meets the requirements of FAR 91.411, and FAR 43-Appendix E.
 Altimeter tested to 35,000 feet.

Signed: M. G. Lopez Date: 7/17/98
 Work Order Number 6699
 Certified Repair Station OSJR598L

SOLAPP AVIONICS INC. OSJR598L
 SUGARLAND MUNICIPAL AIRPORT
 150 Terminal Lane Suite 140
 Sugar Land, Texas 77479

PN# 5934 PA-1
 SN# 6D131

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 35000 ft.

PN 5934 PA-1A21 SN 6D131

WO# 196066 DATE 7/23/98


Inspection 23

Altimeter Type: ☐ Encoding ☒ Standard

☒ Mid-Continent Instrument Co. - Wichita, KS

☐ Mid-Continent West - VanNuys, CA

☐ Instruments Northwest - Everett, WA

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.)
		3/12/99	N9167J	W07404
		Hoskins Fuel Flow P/N702165-31 S/N296. Confirmed the problem was in the unit and removed. Sent for repair. Reinstalled. Operation checked normal.		
				
		SOLAPP AVIONICS INC. OSJR598L Sugar Land Municipal Airport 12888 Highway 6 S. Suite 105 Sugar Land, TX 77478		

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.)
				<div data-bbox="286 227 1256 445"> <p>4/23/99 N9167J W07574</p> <p>Removed Turn & Bank 1394T100-3Z S/N 9304-246.</p> <p>Installed Turn & Bank 1394T100-3Z S/N 842-101.</p> <p>Operation checked normal according to manufacturer's specifications.</p> </div> <div data-bbox="258 518 1108 735"> <p><i>W. L. Gary</i></p> <p>SOLAPP AVIONICS INC. 08JR598L Sugar Land Municipal Airport 12889 Highway 6 S. Suite 105 Sugar Land, TX 77478</p> </div>

DATE 19 <u>99</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.)
7-15-99	692.2		692.2	C/W AD 98-24-11 by replacing aileron control links per M20-264 - no recurring compliance is due, serviced batteries, lubed controls, jacked aircraft, replaced both main tires and tubes, cleaned & lubed gear, performed retraction check replaced seals in right wheel brake cyl. and bled brakes, replaced instrument air filters
				I certify that this <u>AIRCRAFT</u>
				has been inspected in accordance with
				<u>an annual</u> inspection and was
				found to be in an air-worthy condition.
				<u>D. J. Bray</u> 1A307609261
				BRAY AIRCRAFT MAINTENANCE

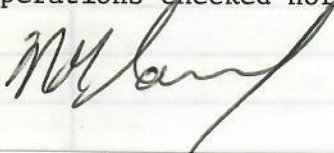
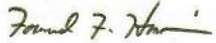
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8-26-99	708.5	—	708.5	Replaced RT. and LT. main gear shock disc. P/N 530021-000. Did gear retraction test. Dave Bohem 454370943 A & P
11-10-99	746.4		746.4	Installed new airspeed safety switch P/N 880013-507. Performed gear retraction test. Larry J. Jenschke A & P 461250405 Dugosh Aircraft Service Co.

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.)
8- -00	807.9		807.9	PERFORMED ANNUAL INSPECTION OF AIRFRAME. RAISED AIRCRAFT ON JACKS FOR LANDING GEAR RETRACTION. REPLACED ROD END P/N MD-46-15M AT L/H MLG RETRACTION TUBE 560255-501. RIGGED LANDING GEAR SYSTEM IAW MOONEY S&M MANUAL SECTION 32 FOR M20M. CLEANED AND REPACKED WHEEL BEARINGS. REPLACED BRAKE PADS WITH CLEVELAND 66-10500 AT R/H MLG ASSY. REBLED BRAKE SYSTEM WITH 5606A HYDRAULIC FLUID. REMOVED OXYGEN BOTTLE FOR HYDROSTATIC LEAK CHECK BY BACON EQUIPMENT CO. REF. W.O. # 18967 . CLEANED ^{FUEL} GASCOLATOR SCREEN AND REPLACED O-RING P/N MS29512-006 & MS9388- 137 AT GASCOLATOR ASSY.

CONTINUED

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.)
8-00	807.9		807.9	(ANNUAL INSPECTION CONTINUED FROM PREVIOUS PAGE) LUBRICATED ALL HINGES, PIN JOINTS, AND ROD ENDS FOR LANDING GEAR & FLIGHT CONTROL SYSTEMS. REPLACED MS29513-010 AND -338 O-RINGS AT L/H AND R/H FUEL CAPS, ¹³ REPLACED A/S SWITCH P/N 880013-507 RECALI- BRATED BY VEP (REF W/O 7888R). C/W A.D. 98-14-03 XPDR MOD 7 (REF ⁸³⁰⁻⁹⁹⁷⁻⁸²⁰⁵ Pippen-York, ^{KT 76A} Fredericksburg TX, W/O 12479, S/N 93770. INSPECTED INTERIOR AND EXTERIOR OF WING, FUSELAGE AND EMPENNAGE FOR DAMAGE AND GENERAL CONDITION AND FOUND TO BE AIRWORTHY.

CONTINUED

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.)
				8/18/00 N9167J W09212
				Isolated problem with the heading system to the gyro. Removed KG 102A P/N 060-0015-00 S/N 35821 and installed P/N 060-0015-00 S/N 32434 overhaul exchange. Operations checked normal.
				 SOLAPP AVIONICS INC. 0SJ598L Sugar Land Municipal Airport 12888 Highway 6 S. Suite 105 Sugar Land, TX 77478
				Date:03/27/2001 Hr. Meter:842.4 N9167J
				Airframe S/N: 27-0168
				Mooney Model M20M
				Removed RH speed brake assy. P/n 01577, S/n 3370 for repairs by Precise Flight, Inc. CRS No. PQ0093NM.
				Reinstalled after repairs and checked operation.
				 Fouad F. Hussain A&P461558166

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.)
				<div> <div>Date:01/30/2002</div> <div>Airframe S/N: 27-0168</div> <div>Mooney Model M20M</div> <div>Serviced, charged and installed new #1 & #2 batteries Gill P/n G243, S/N G01946741 and G01998015. Installed new #3 JPI EGT probe P/n 2870 and checked operation.</div> <div> <div>Hr. Meter:895.5</div> <div>N9167J</div> </div> <div> <div><i>Fouad F. Hussain</i></div> <div> Fouad F. Hussain A&P461558166 </div> </div> </div>

DATE

19

Date:10/21/2002

Hr. Meter:921.9

TT:921.9

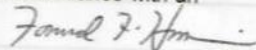
ELT:12/2004

N9167J

Airframe S/N: 27-0168

Mooney Model: M20M Annual Inspection

Inspected and lubricated all push-pull tubes, bellcranks and hinges. Serviced brake reservoir, tires, battery and Oxygen cylinder. Inspected and cleaned all fuel screens. Jacked up aircraft and performed landing gear retraction and emergency extension test. Checked landing gear system pre-load and lubricated gear system. Repacked all wheel bearings. Installed new LH main tire Goodyear P/n 301-027-330 (6.00-6-6PR). Removed Insight Instruments Corp. Graphic Engine Monitor P/n GEM 602, S/n 7242 for display replacement by Insight Instruments Corp. CRS No. 42-90. Reinstalled unit and checked operation. Installed new CHT probe P/n M-113. Adjusted flap indicator transmitter and checked operation. Adjusted cowl flap indicator rheostat and checked indicator operation. Resealed LH wing fuel access panel screw and checked for leaks. Replaced loose rivets on LH wing inboard panel. Removed surface corrosion from fuselage, wings, flaps and empennage exterior skin panels. Treated areas with alodine. Painted areas with zinc chromate and color match paint. Installed (3) new static wicks P/n 10-900-60/1 on empennage control surfaces. Installed (2) new fuel cap o-rings P/n MS29513-338. Installed new engine induction air filter P/n 600417-503. Installed (2) new vacuum system cartridge filters P/n 1J4-6, (1) vacuum system central air filter P/n D9-18-1 and regulator filter P/n B3-5-1. Installed new ELT battery P/n 452-0130 (exp. 12/2004). Inspected and tested ELT per **FAR 91.207(d)**. C/W paper induction air filter **AD 84-26-02** by installing new filter. Next due Hr. Meter: 1421.9. Checked AD's thru **BW 2002-21**. I certify that this **Airframe** has been inspected in accordance with an **Annual Inspection** and was determined to be in **Airworthy** condition.



Fouad F. Hussain
A&P461558166IA

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.)
				<p>Date: 04/03/2003</p> <p>Airframe S/N: 27-0168</p> <p>Mooney Model: M20M</p> <p>Hr. Meter: 931.6</p> <p>N9167J</p> <p>Removed #1 battery. Serviced, charged and installed new Gill battery P/n G243, S/n G02068282. Ran engine and checked charging system operation. Checked flap position indicating system and cleaned micro switches. Cycled flaps throughout range of travel and checked for proper indication.</p> <p>Houston Aviation Center, LLC Sugar Land Regional Airport 12888 Hwy. 6 South Sugar Land, TX 77478</p> <p><i>Fouad F. Hussain</i> Fouad F. Hussain A&P461558166IA</p>

DATE

19 96

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

7/29/96 248.0 Major Repair to Airframe

