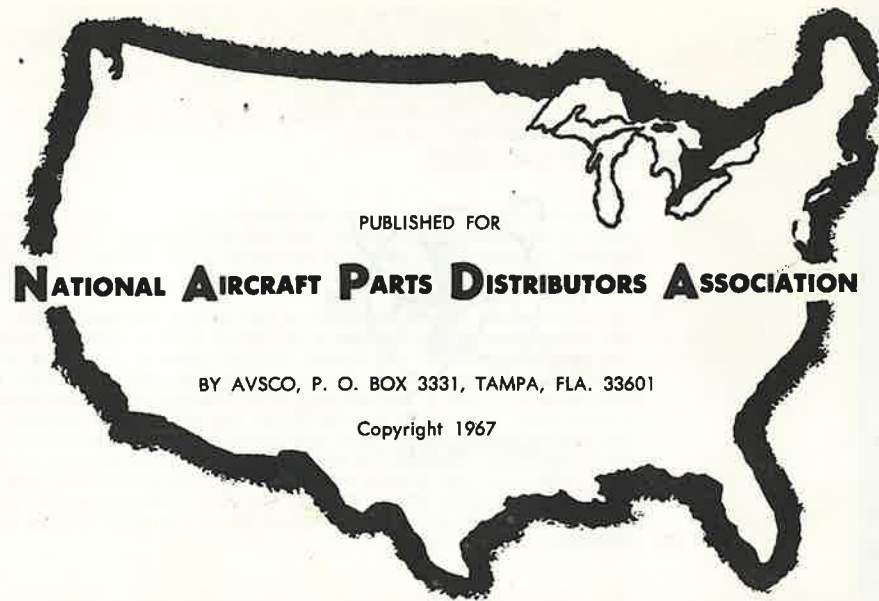


N/231L
MOOREY M20K S/N: 25-0055
AIRCRAFT LOG #2 - END 8-29-1999

The Standard



AIRCRAFT LOG



AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Mooney Aircraft Corp. MODEL M20K SERIAL 25-0055
REGISTRATION NUMBER N231L DATE MFG. 1979
ENGINE(S) CURRENTLY INSTALLED.
MFG Continental MODEL T510-360-GB1 SERIAL 309076
MFG _____ MODEL _____ SERIAL _____
PROPELLER(S) CURRENTLY INSTALLED.
MFG McCawley MODEL _____
HUB MODEL 2A34C216 SERIAL 795429 SERIAL _____
BLADE MODEL 90DHA-16E SERIAL B108432 SERIAL B108430 SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____

HUB MODEL 2A34C216

The Standard
 AIRCRAFT LOG

DATE 19 <u>79</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY.
2-7			2.85	<i>John F. Tellesman</i> 127351
				This aircraft has been flight tested in accordance with Mooney Aircraft Form GA 1062M and found satisfactory.
2-8			F.A.A.	<i>John F. Tellesman</i> 127351 FOR F.A.A. Ft. Worth Reg.

DATE 19 <u>79</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that A T C Transponder Tests required by FAR 91.177 have been performed.
				Mooney Aircraft Corp. TC 2A3
				<i>John D. Wh</i> 2-8-79
				I certify that the encoding altimeter tests required by FAR 91.309 have been performed.
				Mooney Aircraft Corp. TC 2A3
				<i>John D. Wh</i> 2-8-79
				I have inspected this aircraft and found it complies with the requirement of FAR 21.183(b) Certificate of Airworthiness dated 2-8-79 was issued by me. <i>Herbert A. Gerstenberg</i> DMIR SW-5070

DATE 1979	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-22				change oil & filter (wyo central) shell #80
DEC 7, 1979				HOBBS TIME 98.9 REPLACED HOBBS SHOWING 98.9 HOURS, INSTALLED HOBBS READS 00.3 HOURS, REPLACED LEFT NAV + STROBE TIP COVER, SEALED SCREWS ON TOP OF LEFT WING ON WALKWAY, REPLACED AFT RADIO ANT., ADJUSTED DOOR LATCH, - END Michael Shrader A&P 521029038
				ROACH AIRCRAFT, INC. JEFCO AIRPORT BROOMFIELD, COLO.
18 Dec 79	Tach Time 002.3	hrs -	Clay mooney S.B M20-230	"INSTALLATION of Pushedse Tube Clamp" Richard D. Lund FA7631681

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-08-80	HOBBS		TIME 002.3	- Replaced belly meter Richard D. Lund FA7631681
1-24-80	Wells		21.6	- REPLACED LEFT MAIN TIRE AND TUBE. REPLACED BRAKE PADS, RE BENT LT OUTSIDE OF GEAR DOOR. INSPECTED WHEEL ASSY Randy Edwards A&P 505845933
				ROACH AIRCRAFT, INC. JEFCO AIRPORT BROOMFIELD, COLO.

DATE 19 <u>80</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/24	HOBBS	TIME—	36.2	PERFORMED A 100 HR. INSPECTION IN A/W FAR. 43 APPENDIX D AND MOONEY CHECK LIST. CURRENT STATUS OF A.D. COMPLIANCE MAY BE FOUND IN A/C RECORDS. CHARGED BATTERY, BUED BRAKES, REPLACED O'RING ON AUX. FUEL PUMP FITTING, REPLACED EVAPORATOR PANEL, TIGHTENED SLAVE #1 & #2 SWITCH, RE-SEALED RIGHT WING FUEL TANK PANEL, REPLACED POST LIGHT OVER GEAR INDICATOR, RIGGED LANDING GEAR, REPAIRED AUX. GEAR INDICATOR LIGHT, REPLACED ELT BATTERY, REPLACED RIGHT BRAKE PADS. → (CONT.) →

DATE 19 <u>80</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/24	HOBBS	TIME—	36.2	I CERTIFY THAT THIS AIRFRAME WAS INSPECTED IN A/W A 100 HR. INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION ROACH AIRCRAFT, INC. Mark S. Hutto JEFFCO AIRPORT BROOMFIELD, COLO. AEP 523844627
1 Apr 80	Tach (HOURS)		36.2	ANNUAL INSP C/w See inspection sheet & Discrepancy list for Scope & Detail - See A.D. Log for Status of A.D.'s. "I certify that pursuant to the requirements of FAR 91.169A ; the standards & procedures of FAR 43, & the manufacturers M & O manuals, this ACFT was inspected for an Annual inspection, & was found to be airworthy on this date 1 Apr 80." ROACH AIRCRAFT, INC. Richard D. Land DENVER - JEFFCO AIRPORT BROOMFIELD, COLORADO 80029 RICHARD D. LAND (303) 456-2339 I.A. 1631681

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-10-				Hobbs time 104.68 (NEW PROP INSTALL) (OVERHAULED prop!)
				Install New - P216453270 prop SN-802740 - B12666745 and B12670345 - Repair alternator air door
				A.J. Gindumhead AP1536850
28 OCT 80		Hobbs	204.5	repaired cowling rubbing by moving intake inward and silencing - Ken Atkinson A# P 477809221

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
April 16 1981				Hobbs REXOS 268.45 O/W Service INSTRUCTION # 20-49 By installing KIT #940005-501 TEST RAN AND ADJUSTED FUEL PRESSURES IAW TCM Service Bulletin M79-8. Raymond Enry AP553763785
4-16-81				Complied with Service Instr. 20-54 by installing FTOGBS 268.45 Crestview Retainer Assy on Ldg. light - Mitchell P. Dikehus A# P 528209465

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
DATE <u>4-16-81</u>	TACH READS <u>268.45</u>			INSPECTION COMPLETED ON THIS DATE. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>ELT DM. 3/4 27460 BATTERYS</u> <u>EXPIRE AUGUST 1981</u> <u>TOTAL TIME 369.65 Frank Fisher ACP 528565512</u>
DATE <u>4-16-81</u>	TACH READS <u>268.45</u>			INSPECTION COMPLETED ON THIS DATE. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>Walter Lee AI 1207729</u>

10-17-81 HOBBS 444.5 TO 3-29-82 HOBBS 522.6 SEE 3 LOG ENTRIES IN AOLOG BOOK

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	<u>3-29-82</u>		<u>522.6 hrs.</u>	<u>push-pull tubes;</u> <u>inspected push-pull tubes;</u> <u>lubricated hinges & bearings;</u> <u>re-packed wheel bearings;</u> <u>lubricated landing gear;</u> <u>performed gear retraction ck incl-</u> <u>iding emer. gear extension,</u> <u>all operations normal; Cb'd. ELT</u> <u>for operation & battery due date-</u> <u>Completed 100 hour inspection per</u> <u>C/W AD 28-09-07 Bendix mags</u> <u>80-12-04 Genomic fuel flow tubes - See A/C</u> <u>records for details - replaced all brake linings - replaced</u>
				<u>I certify that this <u>AIR FRAME</u> has</u> <u>been inspected in accordance with <u>A 100</u></u> <u>Hour inspection and was determined</u> <u>to be in airworthy condition.</u> <u>Total Time <u>522.6 hrs.</u></u> <u>Thomas Bleh</u> <u>AI 1640291</u> <u>Signature</u> <u>Rating & Number</u> <u>ROACH AIRCRAFT INC.</u> <u>BROOMFIELD, COLORADO</u>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				(100 hour cont'd)
				L.H. main tire. adjusted gear down - lock pre-loads; replaced seals in both wheel cylinders; serviced brake hydraulic reservoirs - bleed brakes; (4 new guide pins on order & 2 new pressure plates on order for brakes) —————
				Thomas Blah AT 1645291
				11-12-82 Removed engine S/N 309076 and installed Fortney Rempy S/N 237415R. Repaired Cowl flap and baffles TT 711.0 both 6/19/9
				Charlie F. Newport AB 460254

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
May 4, 1983				Washers checked. Copy AD 104 73/21/1 Fuel filter & float controls. copy AD 106 76/07/12 Check magnetron switch. AD 106 82/20/01 on mag impulse p.c.w. AD 106 78/09/07 R2 Due on impulse at 1119 hrs. AD 106 82/27/02 on McCauley prop DNA to blades. Serial # B126703 & B126667. Copy with Mooney SI 20-59 on magnetron switch Change a Mooney SI 20-63 on baggage door mod. Check to OK Battery Due Feb-84. Wack up floor floor light. replace beacon bulb. Toggle horn. See steering before and Heim on hose. See steering 1043-4-2 replace horn warning horn. For more detail of above

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
May 4, 1983				Check work order at willmar on See willmar Merion
				I hereby certify that this (aircraft) has been thoroughly inspected as per existing existing
				F.A.R.'s in accordance with a (annual) inspection and found to be in an airworthy condition. Tach Time 696 Hrs. NO Total Time 795 Hrs.
				T.S. & O.H. <u> </u> Hrs. Total Time 76 Hrs.
				Date of Prop O.H. <u> </u> Hrs. 592 Hrs.
				Next annual inspection due <u>May 1984</u>
				Date <u>May 4, 1983</u> C.R.S 3407 T.J. Ken
				Signature and License Number WILLMAR AIR SERVICE, INC., WILLMAR, MINN.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Aircraft transponder system was bench and ramp tested with approved test equipment and found to comply with the requirements of F.A.R. 43 Appendix F, as required by F.A.R. 91.172.
				Date <u>2-28-85</u>
				Signed <u>[Signature]</u>
				Repairman Cert. No. <u>231586Y</u>
				<u>Mode A checks Good A/C Has Bld Eng/ALT.</u>
				☒ Repair Station S-62-6, Casper
				☐ Repair Station S-67-39, Salt Lake City

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<u>3-5-85</u>	<u>1075.8</u>	<u>hrs</u>	<u>TOTAL TIME.</u>	① Replaced Gear down limit switch with new
				② Bled & adjusted Hot Air Valve
				③ Replaced FLT Battery
				due date. JULY 26.
<u>3-5-85</u>	<u>1075.8</u>			
<u>DATE</u>	<u>TOTAL TIME IN SERVICE</u>			
<u>Robert S. Thoman</u>	<u>2172978</u>			
<u>SIGNATURE</u>	<u>L.A.A. & E.</u>			

DATE 19__	RECORDING TACH TIME	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				11/16/86 Tach 1172.4 Mooney N231L Following new parts installed 940042 Truss kit, 720095-017 Link shaft. REM 3-4-2 rod end. F 34-14 bearing. AN23-19A bolt AN23-15 bolt. 720005-501 shaft. AN4-21 bolt. AN3-10A bolt. 914020-31 bushing. Nose gear & rudder rigging checked. New right main tire. James E Goehring 141623949 ATP

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				2-1-87 Hobbs 1206.3 Total Time C/w annual insp. C/w AD 85-24-03 Inspect tanks - AD 83-24-11 is N/A to this A/c Prop C/w AD Note 84-26-02 Paper Filters - Due Replacement by 1-88 or 1300 Hobbs, Replaced A/C battery, Replaced KIT battery Due Oct 88, Checked other Insp Items, Lft wing has 2 lower & Rt wing 1 lower fuel Panel Seeping fuel - will work at later date. Greased wheel bearings & gear, Performed retract test. Replaced Brake linings, lubed all controls.
				Sign off on NEXT Page

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	3/3/88	Hobbs	1346.3	Engine T/A 726.3 Compression Check ① 79 $\frac{1}{2}$ ② 74 $\frac{1}{2}$ ③ 74 $\frac{1}{2}$ ④ 50 $\frac{1}{2}$ ⑤ 7 $\frac{1}{2}$ ⑥ 7 $\frac{1}{2}$ Cleaned and gapped plugs, changed oil and Filter serviced with 15/50 airshell, serviced all oil and grease areas C/W 78-09-07 bleed breaks, repaired exhaust stack and pressure tested it again "K" I certify that this airframe has been inspected in accordance with a 100 hour inspection and found to be in airworth condition after the fuel tanks have been repaired - Raymond L. Seale I used the Mooney 100 hour inspection Guide / P 529683241 The End

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	3/3/88	Hobbs	1346.3	I certify that this aircraft has been inspected in accordance with an <u>annual inspection</u> and found in airworthy condition after fuel tanks have been repaired for seeping fuel. A list of discrepancies dated 3/3/88 has been provided to owner. Eldon Holtz IA505707629

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3/18/88		HOBBS	1347.5	
				RESEALED LEFT FUEL TANK AND REPAIRED SEEPING ROETS ON RIGHT FUEL TANK.
				Mary Loose AP 2051687
4/1/88				Installed pitch servo - SN-51 MD 1C 812 Mitchel Raymond J Seale AP 529683241 yellow tag in back of log book

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7/20/88		Hobbs	1386.5	Installed pitch servo and Cent 41 Computer after repairs were completed yellow tag in back of log Raymond J Seale AP 529683241
3/8/89		Hobbs	1477.7	C/W 88-25-11 - All other (ADs) C/W completed a gear test, serviced battery, lubed and tested all components OK installed New FHT Battery. I certify that this airframe & prop were inspected in accordance with a 100 hr inspection and found to be in airworth Condition. AP 529683241 Raymond J Seale ———— End

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that the ATC transponder tests and inspections required by FAR 91.172 were performed this date and found to comply with FAR 43 appendix F Make <u>King</u> Model <u>KT76A</u> S/N Details of this inspection are on file at this repair station under DATE <u>4/12/90</u> W. O. # <u>3400</u> Signature <u>J. G. Porter</u> CR5 D07-23 <u>QC5R140N</u> THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.171 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO 20K FT. DATE <u>4/12/90</u> <u>J. G. Porter</u> Inspector J. G. Porter Aircraft Electronics D07-23 <u>QC5R140N</u> Ogden, Utah

DATE 1990	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/1	Hobbs 1555.6			Replaced altimeter with overhauled altimeter Part No 161627-01696 SN C14030 <u>Matthew Hoppe A7P457572865</u>
12/21/90	Hobbs 1601.8			completed gear test & inspection, pressure tested heater muff, greased & lubed according to Mooney Service Manual. I certify that this airframe was inspected in accordance with a 100 hr inspection & found to be in Airworth Condition. <u>AP579683241 Raymond J. Gensle</u>
12.21.90	Hobbs/TT 1601.8			I certify that this airframe was inspected in accordance with an annual and was found to be in Airworthy Condition <u>Richard Davis IA 50872382</u>

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/23/92	tac-1602.1			I certify that this A/c was inspected IAW 100hr <u>Annual</u> inspection guide and found in airworthy condition this date. Replaced landing gear Disc donuts on left gear. found Nose Bearing worn excessively replaced both bearings + cones. found Nose gear doors Installed improperly. Reinstalled + checked rigging ops check good. Replaced one brake pad left main tire checked + lubed all gear bearings. lubed gear + hinges + rod ends. cleaned + checked all electrical systems + returned to service

REPLACE ELT BATTERY BY:

SEP 93

(AIRFRAME TOTAL- 1700.7 HRS HOBBS METER CHANGE)

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/10/92	1703.0			Replaced Engine Hoses after 1602.1 ops check satisfactory on last meter. - Terminal on CHT, Trimmed Cool Plug wires for proper fit. w/o 2744 - McBurnell Inc OVR 2850. Ogden Air Service
4-3-92	11.5	Hobbs		Replaced RT main Tire Installed Flight Custom 16006 Goly. and Repac RT Bearings. Installed New Gill-35 Battery. Removed old Tach, and Installed New STEPPER MOTOR TACH RETROFIT KIT Per Mooney DRAWING #940062. Installed OVR's Tach P/N 0535-50100 & A01008. Further details See MAJESTIC Air Service. W/O # 5245 Eric McBurn AD 545989601

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May 15 th 1993			HOBBS: 22.1h	Time Time in Service: 1,624.2h.
Opened all insp. panels, lubed all control systems moving components, lubed!				
Sung gear, ck'd all electronic systems for proper operation. Serviced Battery &				
BANK SYSTEM AS REQUIRED. CK'd ELT for proper operation complied with A-100h!				
Annual Recommended Service items per Moroney Service Manual THIS DATE.				
ELT BATTERY Due: 09-93.				
PITOT STATIC Due: 06-95				
I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH A-100h				
INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY CONDITION THIS DATE.				
T.D. Willis A: P2329157				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
May 15 th 1993			HOBBS: 22.1h	Time Time in Service: 1624.2h.
CHECKED APPLICABLE AD NOTES TOTAL 93-07.				
I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH A-100h				
INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY CONDITION THIS DATE.				
T.D. Willis A: P2329157-1A				

The Altimeter Static Pressure system and transponder was inspected to 25,000 feet, and was found to comply with FAR 43 Appendix E and F

Done 6-1-93

Signed Michael Bennett

"Avionics" FAA Repair Station JJ3R607L

240 N. Dale Pl.

Fullerton, CA 92633

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
June 10 th 1994			HOBBS: 72.5	Total Time in Service: 1694.76 opened all insp. panels LUBED gear CK'd emergency extension of gear LUBED all control systems, SERVICED BOOSTING AND BRAKE SYSTEM. CK'd all ELECTRICAL SYSTEMS for proper operation. C/w all work and ANNUAL SERVICE ITEMS per Mooney Service Manual THIS DATE. REPLACED ECT BOOSTING AND CK'd UNIT for proper operation.
C/w	AD 76-07-12			WAGNER SWITCH TEST DUE EVERY 100h AGAIN @
NOTE:	AD 73-07-04			WAGNER COIL Replacement DUE EVERY 1800h AGAIN @ 1727.1h HOBBS.
NOTE:	AD 78-09-07			WAGNER Impulse Coupling inspection DUE EVERY 500h AGAIN @ 244.2h HOBBS.
NOTE:	AD 93-05-06			GRADER IGNITION SWITCH N/A, SERVO SWITCH NOT INSTALLED
NOTE:	AD 94-01-03			WAGNER COIL & ROVER Insp/Replacement N/A BY MAG. S/N (BOTH UNITS)

Continued Next Page →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
(From Previous Page)				June 10 th 1994 HOBBS: 72.5 Total Time in Service: 1694.76
NOTE:	AD 94-06-09			WAGNER CONDENSER Insp./Replacement N/A CONDENSER NOT REPLACED AFTER 10-93
NOTE:	AD 93-10-02			MISSING CYL. VALVE KEY N/A CYL'S NOT REPLACED BETWEEN 07-92 THRU 03-93
NOTE:	AD 93-16-15			FUEL PUMP DRIVE SHAFT N/A BY ENGINE MODEL
NOTE:	AD 94-26-02			AIRFUEL REPLACEMENT DUE EVERY 500h DUE AGAIN @ 427.1h HOBBS.
				ECT BATTERY DUE: 06-96
				PITOT-STATIC CK. DUE: 06-95
				I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH A 100h INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY CONDITION THIS DATE.
				T.D. Miller AIP2329157

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
June 10 th 1994	HABBS:	72.5h	Total Time in Service 1674.6h	CHECKED APPLICABLE AD NOTES THRU 94-12. I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED IT TO BE IN AN Adequately Condition THIS DATE T.D. Miller AIP23291575A

THE PITOT / STATIC AND TRANSPONDER SYSTEMS HAVE
BEEN INSPECTED TO 30,000 FEET, AND WERE
FOUND TO COMPLY WITH FAR 43 (APPENDIX E AND F).

DATE 05-01-95 SIGNATURE Quinn Skidmore

GERDES AVIATION SERVICES
FAA APPROVED REPAIR STATION G3RR399J
4119 W. COMMONWEALTH AVE HANGAR D25
FULLERTON CA 92633 TELE: 714-525-7545

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July 7 th 1995	HABBS:	158.2h	Total Time in Service: 1760.3h	OPENED ALL INSPECTION PLATES, CHECKED ALL CONTROL SYSTEMS, SERVO GRASS CHECKED C/O'd Emergency Extension System, C/O'd all electrical systems for proper operation, C/O'd fuel system filters. C/W all work and Annual insp. ITEMS per Maintenance Manual THIS DATE.
NOTE:	AD 95-07-04	EXHAUST SYSTEM CRACKING	N/A BY AIRFRAME MODEL: 'S/N.	
C/W	AD 76-07-12	IGNITION SWITCH TEST	DUE EVERY 100h AGAIN @ 258.2h	
NOTE:	AD 73-07-04	IGNITION COIL REPLACEMENT	DUE EVERY 1200h AGAIN @ 1727.1h	
NOTE:	AD 78-09-07	MAGNETO IMPULSE COUPLINGS	DUE EVERY 500h AGAIN @ 244.2h	
C/W:	AD 84-26-02	AIRFUEL REPLACEMENT	DUE EVERY 500h AGAIN @ 658.2h	
NOTE:	AD 94-14-12	PNEUMATIC DETENTION	N/A BY AIRFRAME REGISTRATION NUMBER	
C/W	AD 95-08-10	PNEUMATIC ENGINE FUEL	N/A BY VISUAL INSPECTION & WORK TIME	

CONTINUED NEXT PAGE →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
From Previous Page July 7 th 1995 HRS: 158.2 Total Time in Service: 1760.3				
Note: AD 95-09-08 Inspect Prop Cyl. screw fastener n/a by Propeller Model: s/n.				
ECT Battery Due: 07-97				
Pilot-Static CK Due: 05-97				
I certify that I have inspected this airplane in accordance with annual inspection and determined it to be in an Airworthy Condition this date. <u>T.D. Miller A/P 2329157</u>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July 7 th 1995 HRS: 158.2 Total Time in Service: 1760.3				
Checked applicable AD Notes thru 95-11.				
I certify that I have inspected this airplane in accordance with an Annual Inspection and determined it to be in an Airworthy Condition this date.				
<u>T.D. Miller A/P 2329157 IA.</u>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
(Continued from Previous Page)				
September 2 nd 1996 HRS: 222.0 Total Time in Service: 1824.1 hrs.				
NOTE: AD 96-12-04 PREVENT Piston Pin failure N/A by ENGINE MODEL prefix.				
C/W AD 76-07-12 WAGNET SWIRL TEST By function TEST DUE EVERY 100 hrs. AGAIN @ 322.0 hrs.				
ELT BATTERY DUE: 07-97				
PITOT-Static SPONDER TEST DUE: 08-98				
I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH A 100 hr. INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY CONDITION THIS DATE. <u>T.D. Miller</u> AIP2329157				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
September 2 nd 1996 HRS: 222.0 hrs. Total Time in Service: 1824.1 hrs.				
CHECKED APPLICABLE AD NOTES TOTAL 96-16.				
I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY CONDITION THIS DATE. <u>T.D. Miller</u> AIP2329157 IA				
 GERDES AVIATION SERVICES PROFESSIONAL AIRCRAFT SERVICES The Pitot / Static and Transponder Systems have been inspected to <u>20,000</u> feet, and were found to comply with F.A.R. 43, Appendix E & F. Date <u>08-30-96</u> Signature <u>Brian Hudson</u> FAA APPROVED REPAIR STATION G3RR399J 4119 W. Commonwealth Ave Hangar D28, Fullerton CA 92833 (714) 525-7545				

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.
December 20	1997	HRS: 309.4hr total time in Service: 1911.5hr Repaired all inspection panels, lubed all control systems, cycled and lubed landing gear checked Emergency Extension System, Serviced Brake System and Battery checked all electrical systems for proper operation cleaned all fuel system screens. c/w all 100hr and Annual inspection items per Master Service Manual. installed new ECT Battery P/N: 00-60-62 Repaired some wiring harness, adjusted Control Rops, cleaned cabin on fire push pull controllers. c/w AD 96-12-04 (Unusable Impulse Couplings by Visual: 100hr inspection Every 500hr Again @ 309.4hr Note: AD 84-26-02 Airframe Replacement Due Every 500hr Again @ 658.2hr Note: AD 97-16-10 Roped pneumatic fittings n/a, type not installed Note: AD 97-26-08 False free gear readings n/a by Airframe Model Suffix Note: AD 95-26-16 Separation of alternate fuel door n/a by Airframe Model Suffix. c/w AD 76-07-12 160hr Switch Test By function check. Due Every 100hr Again @ 409.4hr Continued Next Page →

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.
(From Previous Page) December 20	1997	HRS: 309.4hr total time in Service: 1911.5hr ECT Battery Due: 12-99 ops check per Form 91.207 P-100 SMC/ponder test Due: 08-98 I certify that I have inspected this Airplane in accordance with a 100hr inspection and determined it to be in an Airworthy Condition This Date. T.D. Miller AIP 2329157 December 20 1997 HRS: 309.4hr total time in Service: 1911.5hr checked applicable AD Notes thru 97-26. I certify that I have inspected this Airplane in accordance with an Annual Inspection and determined it to be in an Airworthy Condition This Date. T.D. Miller AIP 2329157

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.
July 14 th 1998	HOURS: 327.8hr total time in Service: 1929.9hr	Installed New Gill 6-35 Battery, cleaned battery box and wire terminals. installed new electrical nipples (BATES) ^(WTS 25171-48) New Battery wire terminals. Checked electrical system and alternator output - satisfactory. All work done in accordance with Moray Service Manual. <u>T.D. Miller A: P2329157</u>
October 15 th 1998	HOURS: 370.5hr total time in Service: 1972.6hr	Removed inspection panels, lubed all control systems (cycle) and lubed landing gear. Checked Emergency Extension System, cleaned fuel screens, Service Battery and Brake System. Checked all electrical systems for proper operation. Check all work and Annual inspection items per Moray Service Manual. Continued Next Page

DATE 19__	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
(From Previous Page)			October 15 th 1998 HOURS: 370.5hr total time in Service: 1929.9hr
			NOTE: AD 96-12-01 Unapproved Impulse Couplings Due Every 500hr Again @ 909.4hr
			NOTE: AD 94-26-02 Amplifier Replacement Due Every 500hr Again @ 658.2hr
			CLW AD 76-07-12 Ignition Switch Test by function check Due Every 1000hr Again @ 470.5hr
			NOTE: AD 98-21-26 Failure Wing Side Brace N/A by Airframe Model suffix
			NOTE: AD 98-14-03 FT76A Transponder N/A by S/N of Transponder
			ECT Battery Due: 12-99 ops check per Ftl 91-207
			PITOT-Static Xponal Check Due: 11-2000
			I certify that I have inspected this Airplane in accordance with A100h inspection and determined it to be in an Airworthy Condition thru date. <u>T.D. Miller A: P2329157</u>

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
19__			
OCTOBER 15 th 1998		HOURS: 370.5hr	Total time in Service: 1929.9hr
			CHECKED APPLICABLE AD NOTES THAT 98-20.
			I CERTIFY THAT I HAVE INSPECTED THIS AIRPLANE IN ACCORDANCE WITH
			AN ANNUAL INSPECTION AND DETERMINED IT TO BE IN AN AIRWORTHY
			CONDITION THIS DATE. T.D. Waller A/P2329157-IA.



GERDES AVIATION SERVICES

PROFESSIONAL AIRCRAFT SERVICES

The Pitot / Static and Transponder Systems have been inspected to 20,000 feet, and were found to comply with F.A.R. 43, Appendix E & F.

N Number 231L Date 11-23-98 Signature Paul Gerdes

FAA APPROVED REPAIR STATION G3RR399J

4012 W. Commonwealth Ave. Fullerton CA 92833 Office (714) 525-7545

DATE	BULLETINS METHOD OF COMPLIANCE.
19__	
May 6 th 1999	HOURS: 571.1hr Time in Service: 1957.3hr
	Replaced Battery for Service, cleaned terminals and Battery box
	Reinspected checked alternator output and Buss voltage all work done
	in accordance with Waco Service Manual.
	T.D. Waller A/P2329157
August 29 th 1999	HOURS: 432.7hr Total time in Service: 1992.1hr
	Adjust carburetors, install new HX HOBBS SWITCH P/N: 1903
	and location of switch out from previous P/N: 1903 Waco Modification
	SYSTEM TEST Satisfactory. Installed Waco ACTUATOR Dust Cover (Bolt
	P/N: 560020-001 (Bolt Sides) T.D. Waller A/P2329157

