



The Standard

# AIRCRAFT LOG

ACA-CA-1



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N305PF Airframe logbook entry 11/19/2024 Tach: 2525.9 TTAIF: 7567.0

Inspected & lubricated airframe IAW AMM inspection guide...Replaced ELT battery...Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due January 2027...Replaced nose tire & inner tube with new, note tire is 8 ply for load rating per Rocket manual...Cleaned & greased all wheel bearings, balanced all wheel assy's...Cleaned & re-sealed left brake caliper...Bled left brake system with MIL-II-5606J, serviced hydraulic reservoir to proper level...Replaced lower cowling landing light lens with new from Great Lakes Aero Products...Replaced cowl flap hinge hardware with new, repaired left inboard hinge...Replaced fuel filler cap outer o-rings with new Viton...Replaced cabin heat SCAT duct from exhaust - firewall with new...C/W AD 95-17-06 (9/25/1995) by inspection of exhaust transition tube, no defects found, next due 25 hours...Performed ground run, operational checks passed.


I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

  
 Craig Griswold  
 A&P 2730384 IA  
 Griswold Aviation LLC  
 www.griswoldaviation.com

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N305PF Airframe logbook entry 6/17/2025 Tach: 2539.2

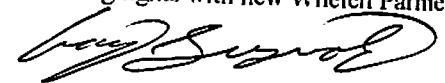
C/W AD 95-17-06 (c) (9/25/1995) by inspection of exhaust & turbo mounting brackets, no defects found, next due in 25 hours.



Craig Griswold  
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 www.griswoldaviation.com

N305PF Airframe logbook entry 9/16/2025 Tach: 2567.3

C/W AD 95-17-06 (c) (9/25/1995) by inspection of exhaust & turbo mounting brackets, no defects found, next due in 25 hours... Replaced lower cowling left side aft Camloc receptacle & stud with new... Replaced landing lights with new Whelen Parmetheus G3.



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YEAR: \_\_\_\_\_  
RE TA TII  
DATE \_\_\_\_\_



4151 Aviator Way, Suite 2  
Grand Rapids, MI 49512  
(616) 957-4920  
www.maydayavionics.com

DATE	11-3-2023	S.O.	65560
MAKE	Mooney	N#	N305PF
MODEL	M20K	S/N	25-0486
HOURS	2357.0		

Repaired static system leaks by tightened numerous fittings in the tail. Performed system leak check – no discrepancies noted.

- o Work performed referencing Chapter 34 of the Mooney M20K Maintenance Manual, P/N MAN134, Rev B and AC 43.13-1B, Chapter 12, Section 4.

Installed new Gascolator Seal Kit, P/N A1540; performed operation and leak check – no discrepancies noted.

- o Work performed referencing the Mooney M20K Maintenance Manual, P/N MAN134, Rev B.

Updated the Garmin GNS 530W NAV and Obstacle databases referencing the Garmin 500W Series Installation Manual, P/N 190-00357-02, Rev N.

Removed rivet in belly pan screw hole, cleaned nutplate threads and installed screw.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above, approved for return to service.

FOR FAA CRS YXXR387Y

air

YEAR: \_\_\_\_\_  
RE TA TII  
DATE \_\_\_\_\_



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Grand Rapids, MI 49512  
(616) 957-4920  
www.maydayavionics.com

DATE	11-3-2023	S.O.	65560
MAKE	Mooney	N#	N305PF
MODEL	M20K	S/N	25-0486
HOURS	2357.0		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Paragraph (a) Static Pressure System:  
Certification Date: 11-3-2023

Transponder Certification Date: 11-3-2023

Pilot (#1):  \_\_\_\_\_

#1 Model: KT 76A  
S/N: 060994

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	101627-016961	0117530	25,000 ft.
#1 Encoder	101627-016961	0117530	25,000 ft.

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System

Certification Date: 11-3-2023

FOR FAA CRS YXXR387Y

DATE: 11-3-2023

air

YEAR

DATE

N305PF Airframe logbook entry 10/10/2022 Tach: 2308.9 TTAF: 7350.0

Inspected & lubricated airframe IAW AMM inspection guide... Replaced ELT battery... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due Dec 2024... C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours... Repaired wiring connections @ Garmin 530 P5001 pins 58 & 77... Performed ground run, operational checks passed.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Craig Griswold  
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N305PF Airframe logbook entry 9/8/2023 Tach: 2328.3

C/W AD 95-17-06 (c) (9/25/1995) by inspection of exhaust & turbo mounting brackets, no defects found, next due 25 hours.

Craig Griswold  
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Griswold Aviation LLC  
www.griswoldaviation.com

or Repair

YEAR:

DATE

REPAIR  
TIT

N305PF Airframe logbook entry 10/27/2023 Tach: 2356.4 TTAF: 7397.5


Inspected & lubricated airframe IAW AMM inspection guide... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due Dec 2024... Removed right wing lower forward fuel cell access panel, cleaned, sealed with CS3204B1/2... Replaced both main tires & inner tubes with new... Cleaned & greased all wheel bearings, balanced all wheel assy's... Cleaned & replaced all o-rings in gascolator ass'y... C/W AD 95-17-06 (9/25/1995) by inspection of exhaust transition tube, no defects found, next due 25 hours... Performed ground run, operational checks passed.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


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air

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

N305PF      Engine logbook entry      7/20/2022      Tach: 2291.4  
 Drained oil... Removed oil filter, cut open & inspected, no defects found... Installed new oil filter & saftied... Serviced engine with 12 qts Phillips X/C 20W-50... Performed ground run, operational check passed.  
  
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N305PF      Airframe logbook entry      7/20/2022      Tach: 2291.4  
 Removed factory tail nav light ass'y... Removed tail strobe power supply box from left aft fuselage inspection panel... Installed uAvionix tailBeacon p/n: UAV-1002183-001 s/n: 2002667 SSID: Beacon-ADA4 Password: UpwindKilo IAW STC SA04427CH, see FAA form 337 this date... C/W AD 95-17-06 (c) by inspection of exhaust & turbo mounting brackets, no defects found, next due 25 hours.  
  
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 Griswold Aviation LLC  
 www.griswoldaviation.com

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N305PF      Engine logbook entry      9/10/2021      Tach: 2261.5      TTB: 2561.5  
TSMOH: 630.4

Inspected engine IAW AMM inspection guide... Compressions: 1) 72/80 2) 72/80 3) 71/80 4) 72/80 5) 66/80 6) 75/80...Master orifice: 43/80...Cleaned, inspected, rotated spark plugs, installed using new gaskets... Treated wastegate with Mouse Milk...Inspected throttle body fuel inlet screen, no defects found, installed with new gasket & saftied...Drained oil...Removed oil filter, cut open & inspected, no defects found...Installed new oil filter & saftied...Serviced engine with 11 qts Phillips X/C 20W-50...C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours...Performed ground run, all systems operational checks passed.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



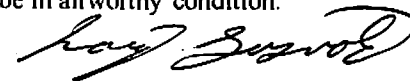
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N305PF      Propeller logbook entry      9/10/2021      Tach: 2261.5      TSPOH: 101.7

Inspected propeller IAW AMM inspection guide... Performed ground run, operational checks passed.

I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



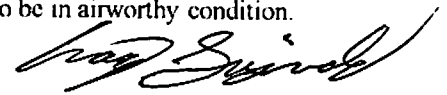
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N305PF      Airframe logbook entry      8/17/2020      Tach: 2239.8      TTAF: 7280.9

Inspected airframe IAW AMM inspection guide...Lubricated airframe IAW AMM... Replaced ELT battery...Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due July 2022... Replaced Shadin fuel flow gauge with servicable 910531P...Removed the following autopilot components & sent to Autopilots Central for repair under w/o: 33918: KC290 mode controller, KI256 flight command indicator, KC295 Flight computer...Installed after repair...C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours... Performed ground run, all systems operational checks passed.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



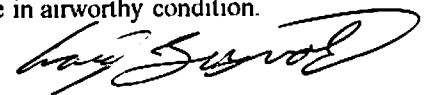
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N305PF      Airframe logbook entry      9/10/2021      Tach: 2261.5      TTAF: 7302.6

Inspected & lubricated airframe IAW AMM inspection guide...Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due July 2022... Replaced KG-102A DG with overhauled unit from Mid Continent Instruments under w/o: 438184...C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours... Performed ground run, all systems operational checks passed.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



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YEAR: 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>N305PF Airframe logbook entry 4/6/2019 Tach: 2197.9 TTAF: 7239.0  Inspected airframe IAW AMM inspection guide...Lubricated airframe IAW AMM... Inspected &amp; tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2020... Replaced main aircraft batteries with new Gill 7025-28...C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours...Performed ground run, all systems operational checks passed.  I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p><i>Craig Griswold</i>  Craig Griswold  A&amp;P 2730384 IA  Griswold Aviation LLC  www.griswoldaviation.com</p>

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				<p>N305PF Airframe logbook entry 7/11/2019 Tach: 2215.9  C/W AD 95-17-06 (c) by inspection of exhaust &amp; turbo mounting brackets, no defects found, next due 25 hours.</p> <p><i>Craig Griswold</i>  Craig Griswold  A&amp;P 2730384 IA  Griswold Aviation LLC  www.griswoldaviation.com</p>

N305PF Airframe logbook entry 9/13/2019 Tach: 2235.8  
Replaced all brake pads with new APS... Bled brakes with MIL-11-5606 fluid... Filled brake fluid reservoir to proper level.

*Craig Griswold*  
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Griswold Aviation LLC  
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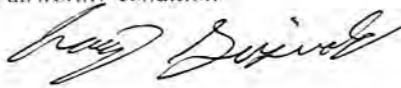


**TIFFIN AIRE**

N305PF AIRFRAME Log Date 05/04/2017 TSOH 0  
 REMOVED MCCAULEY PROPELLER P/N: 3AF32C505-C S/N: 930824 TO BE OVERHAULED BY TIFFIN AIRE INC AND REINSTALLED AFTER OVERHAUL IN ACCORCANCE WITH MOONEY MAINTENANCE MANUAL. 0 HOURS SINCE OVERHAUL.  
 Work performed by Tiffin Aire, Inc. Signature \_\_\_\_\_ AP3879648

2/21/18	2174.8			THIS AIRCRAFT HAS BEEN INSPECTED AND FOUND SAFE FOR THE INTENDED FLIGHT IN ACCORDANCE WITH SPECIAL FLIGHT PERMIT DATED FEB 2, 2018, AD 95-17-06(e) ALLOWS FERRY FLIGHT FOR INSPECTION. Ravi Malin 3567008 ADP
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				N305PF Airframe logbook entry 3/8/2018 Tach: 2175.8 TTAF: 7216.9 Inspected airframe IAW AMM inspection guide. Lubricated airframe IAW AMM. Replaced ELT battery... Inspected & tested ELT IAW 14CFR 91.207(d), no defects found, battery due March 2020... Replaced pilot mic jack with new, ran new wire from jack to intercom plug... Removed: Argus 3000 display, KR86 ADF, belly ADF antenna... Covered holes in instrument panel & belly, updated w&b... Replaced right wingtip lens cover with new from Great Lakes Aero Products... Cleaned & re-sealed gascolator... Replaced BNC connector on coax at left belly antenna... Bled right brake system with MIL-H-5606... C/W AD 95-17-06 by inspection of exhaust transition tube, no defects found, next due 25 hours... Performed ground run, all systems operational checks passed. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition <div style="text-align: right;">                   Craig Griswold                  A&amp;P 2730384 IA                  Griswold Aviation LLC                  www.griswoldaviation.com             </div>
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DATE				



### AIRFRAME LOG

Aircraft Registration NO. N305PF

Date: July 9, 2016

Aircraft MFG./Model: Mooney M20K

S/N 25-0486

1. Accomplished tests on Altimeter, Static system, and Altitude reporting system required by 14 CFR 43, Appendices E and F, and Found it to meet the requirements of 14 CFR 91.411.
2. Accomplished Tests on Transponder required by 14 CFR 43, Appendix F, and found it to meet requirements of 14 CFR 91.413.
3. Details of the work accomplished may be found under Work Order # 2291 on file at this agency. The Aircraft is returned to service this date only for the work completed.

Signed: Lesly Jones for: \_\_\_\_\_  
 Chief Avionics FAA Approved Repair Station #D3BR270J  
 1301 Brookside Blvd., Grants Pass, OR 97526 Phone (541) 476-6605

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298  
 YE# N305PF Date 1/20/2017  
 Mooney Hobbs 2127.50  
 Model: M20K Serial: 25-0486 TT 7168.60  
 DAT

Accomplished the following work:

100 Hr inspection was completed at this time using a manufacturer's checklist. Checked Flight control systems for proper operation and surface deflections. Cleaned fuel strainer and replaced O-rings and seals in fuel strainer assembly. Inspected wheels, brakes and greased bearings. Inspected landing gear system for proper down lock preloads. Adjusted nose gear downlock tensions. Rigged main gear door for proper closure. Installed new main gear shock discs. Cleaned rust and painted link assemblies and reinstalled. Operated retraction system several fault-free times and performed manual extension. Tested airspeed switch operation. Inspected ELT system in accordance with FAR 91.207. Battery replacement date is June 2018. Replaced vacuum relief filter. Installed nose gear turn limits placard. Removed LH aft turbo mount and had repaired by Dash Air Welding, due to crack. Painted and reinstalled. Replaced #5 exhaust riser assembly with servicable used piece as provided by owner. Replaced electric fuel boost pump with overhauled exchnage pump pn 4140-00-19A, sn 3083. Removed aft elevator system bellcrank assembly due to looseness and replaced existing Huck Fasteners with new HyLoc pins and collars per SRM. Cleaned and greased roller bearings and reinstalled assemblies. Checked travels and operation. Adjusted positioning of horizontal stabilizer trim indicator. Shimmed aileron rod end bearings and surface. Replaced rod end bearings on aft rudder push rod assembly. Cleaned rust and repainted rod and reinstalled. Tied up wiring harness behind instrument panel. Repaired post light assembly on turn coordinator. Replaced missing seat roller on co-pilots seat. Installed new 646655 drive coupling on alternator. Replaced inner and outer O-rings on all four fuel caps. Shimmed aileron innerconnect links in belly per M20-289A. Installed new EGT probe on #1 and 3 cylinders. Researched AD's through Jan. 20, 2017.

Accomplished the following Airworthiness Directives.

AD# 95-17-06 Rocket Exhaust Inspection, eff 9/25/95 -- Complied with by the inspection of the exhaust transition and turbo mounts. Due again in 25 hours

This Airframe has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy Condition.

James E. Wolyn A&P 2151474 IA



YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
DATE		Empty Weight	Empty C.G.	Useful Load	Remarks
					TIME CARRIED FWD FROM PREVIOUS LOG!
					7154.9 MRS.
					GEAR RETRACTION NORMAL & EMERG. EXTENSION OK. CHECKED ALL CABLES, TORQUE TUBES & PULLEYS OK. LUBED CONTROLS, LUBED GEAR, TORQUE TUBES & CHAINS. FLT BATTERY GOOD TO 1/2014 CHECKED OPERATION OK. C/W AD 85-24-03 INSPECTED FUEL CAPS & SEALS NEXT DUE C/W AD 95-17-06 BY INSPECTION OF EXHAUST TRANSITION TUBE NEXT DUE @ TACH 2163.8 C/W AD 76-07-12 BY OPERATION OF GEN. SW. OK NEXT DUE @ TACH 2123.8 AD 75-23-04 GEAR

YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
DATE		Empty Weight	Empty C.G.	Useful Load	Remarks
					SYSTEM PT 6 DUE @ TACH 7331.5 PT. 2 DUE @ 7231.5 AD 98-24-11 CONTROL LINK DUE @ TACH 2208.3
					<i>Donald E. Schuch</i> ADP 1404095
1/1/15					C/W AD 2012-05-09 I/A/W allowed SIB 20-313A by inspection
ACT	7154.9				C/W AD 85-24-03 by inspection they due 1/16! Removal
TACH	2113.8				FLT for repair. performed maintenance emergency gear retraction extension inspected gear and in accordance with FAR 43 Appendix W. Completed with instructions for continued airworthiness per STC'd equipment <sup>50</sup> SEE NEXT PAGE FOR SIGN OFF

**Aircraft Record** General Information

Manufacturer MOONEY Model M20K

Serial 25-D486 Registration Number N305PF

Date of Manufacture \_\_\_\_\_

**Engine(s) currently installed:**

Manufacturer CONT. Model TSCD-520-NB Serial 290544R

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

N305PF

The Standard

~~RECEIVED~~ LOG

ASA-2A-7



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



**AIRFRAME LOG**

Reg # N305PF

Date: July 30, 201 Aircraft Manuf./Model Mooney M20K S/N: 25-0486 Tach Time:

Transponder Make / Model S/N  
King KT 76A 60994

Accomplished tests required by FAR 91.413 and 91.217b and found Transponder and altitude reporting system in compliance with Appendix F to part 43. Pertinent details of the work accomplished may be found under Work Order # 002031 on file at this agency.

Signed: Terry Jones for:  
Chief Avionics FAA Approved Repair Station #D3BR270J  
1301 Brookside Blvd., Grants Pass, OR 97526 Phone (541) 476-6605

DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
19			
		TACH 2113.8	TOTAL TIME 7154.9
2/19/2012			GEAR RETRACTION CK NORMAL & EMERG. EXTENSION OK CK'D ALL CABLES, PULLEYS & TORQUE TUBES OK LUBED CONTROL SURFACES, LUBED GEAR, TORQUE TUBES & CHAINS. REPLACED SLT BATTERY GOOD TO 1/2014 CK'D OPERATION PER FAR 91-407 (d). REMOVED OXYGEN BOTTLE SEE REVISED WIT & BALANCE IN POH. C/W AD 85-24-D3 INSPECTED FUEL CATS & SEALS SB 20-230 MADUSKHEL NEXT DUE 11/2012, C/W AD 95-17-06 BY INSPECTION OF EXHAUST TRANSITION TUBE NEXT DUE TACH 2163.8. C/W AD 76-07-12 BY OPERATION OF ILL. SW. NEXT DUE TACH 2123.8 AD 75-23-04 GEAR SYSTEM PT. 1 DUE @ TOTAL TIME 7336.5 PART 2 DUE AT TOTAL TIME 7231.25 AD 98-24-11 CONTROL LINK DUE TACH 2208.3 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



**AIRFRAME LOG**

Reg # N305PF

Date: 17 SEP 2010 Aircraft Manuf./Model MOONEY M20K S/N: M20K-25-<sup>00486</sup> Tach Time: 2108.3

Make / Model King K1-76A  
S/N: 16939  
Transponder

Accomplished tests required by FAR 91.413 and found Transponder and altitude reporting system in compliance with Appendix F to part 43. Pertinent details of the work accomplished may be found under Wo.# 001960 on file at this agency

Signed: Terry Jones for:  
Chief Avionics FAA Approved Repair Station #D3BR270J  
1301 Brookside Blvd., Grants Pass, OR 97526 Phone (541) 476-6605

DATE 10-01-10 Total Time: 7149.4, Tack time: 2108.3 An Annual inspection was completed on  
19 this date in accordance with FAR 43 app. (D). Checked and lubed all control surfaces,  
push pull tubes, jack screws, and chains. Serviced, tires, Wheels, and brakes. Checked  
ELT in accordance with FAR 91.207 (d) opps good, ELT battery next due 10-2010,  
Altimeter-Transponder certification due Sept. 2012, O2 bottle hydrostatic check due July  
2011, LG back clutch relief spring due Tack: 2631.1. For compressions and Engine  
details see engine log. Landing gear over center checks within limits, performed gear  
retraction and emergency extension. AD 75-23-04 gear systems Pt. 1 due at total time:  
7331.5, Pt. 2 due at total time: 7231-5, AD 98-24-11 Control link due total time: 7231.5.  
C/W AD 85-24-03 fuel filler cap in accordance with SB M20-229 next due tack: 2208.3  
C/W AD 95-17-06 exhaust in accordance with SB MB95-305-01 Next due at tack:  
2158.3/Annual. AD 76-07-12 ignition switch no longer applies due to new switch P/N  
10-357310, and four digit date code installed Log date 12-26-2000. All ADs complied  
with at this time. See compliance report with records. Run-up opps good no leaks noted  
at this time. I find this aircraft in airworthy condition and return to service. -----  
William W. McLain William W. McLain AP3529633IA

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.)
11/7/2010	2090.4		7131.5	GEAR RETRACTION OK. EMERGENCY EXT. OK. LABELLED GEAR BY AD 95-17-01 EX. MOUNT INSQ. OK. QUAD 76-07-12 MAG SW. OFF POSITION OK. CKED FLT OPS. CK OK PER FAR 91-407 (D). CKED ALL CONTROL SURFACES & TORQUE TUBES REPLACED STAB TRIM LINK PIN 740110-003 & BUSHING & BOLTS. CKED BATTERIES OK. CLEANED GASOLATOR BALL & SCREEN, LABELLED GEAR. <i>Donald E. Shug</i> #1404095.

DATE 2010	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.)
JAN. 18, 2010	TRAC TIME 2090.4		7131.5	HAS AIRCRAFT TOTAL TIME 7131.5 HRS ANNUAL INSPECTION COMPLETED PER FAR 43 APPENDIX "D" REQUIREMENTS LANDING GEAR RETRACTION TESTED, (1) NOTE COMPLIANCE SHEETS SHOW STATUS OF A/B NOTES.  I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  WESTERN OREGON AVIATION ROSEBURG-LOOKINGGLASS AIRPORT 250 STRICKLAND CANYON ROAD ROSEBURG, OR 97471  (541)878-3721  <i>Donald E. Shug</i> #1404095 EA

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.)
8/14 2008	2066.0		7107.1	GEAR RETRACTION OK, Adjusted LEFT MAIN GEAR DOOR, LUBED GEAR CHECKED BRAKES OK, C/W AD 95-17-01 EX. MOUNT INSP. OK C/W AD 76-07-12 MAG SWITCH OPS OK OK, REPLACED ELT BATTERY - GOOD TO OCT 2010. REPLACED FLAP ACTUATOR & ADJUSTED FLAP TRAVEL PER MFG. Specs. SERVICED BATTERY ELT CHECK PER FAR 91-407 (D) CHECKED ALL CONTROL SURFACES FOR TRAVEL & SECURITY, REMOVED CORROSION FROM EDGE TORQUE TUBE, CHECKED ALL

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.)
				CONTROL TORQUE TUBES, Marshall E. Schuch AIP 1404095 AUG. 15, 2008 TACH TIME 2066.0 Hrs AIRCRAFT TOTAL TIME 7107.1 Hrs ANNUAL INSPECTION COMPLETED AS PER FAR 43 APPENDIX "D" REQUIREMENTS, HANDING GEAR RETRACTION SYSTEM TESTED PER MFG SPECIFICATIONS, AD NOTE STATUS LISTED ON AD COMPLIANCE SHEETS I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Date AUG. 15, 2008 Marshall E. Schuch AIP 1404095 IA TACH 2066.0 Hrs

**WESTERN OREGON AVIATION**  
ROSEBURG-LOOKINGGLASS AIRPORT  
250 STRICKLAND CANYON ROAD  
ROSEBURG, OR 97471

(541) 679-3721



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.)
CONT	7116	106		Tires, lubricated controls and Landing gear system, installed -505 Charlie Weight Kit at Tail Sta. 197 updated weight and balance record in P.O.M. I certify this aircraft has been inspected I.A.W. an Annual inspection and found to be Airworthy with the exception of the following list of items (1) Airworthiness certificate not in aircraft, (2) current registration not in aircraft (3) ADF Recorder inop due to Antennas missing, owner has been notified and the aircraft is to be returned to service →

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.)
CONT		When the		discrepancies are corrected and a log book entry is signed off for these items, -End- Will Will AP565948941IA
				Installed AIRWORTHINESS CERTIFICATE & REGISTRATION EDP FOR INSTALLED <del>FLIGHT TIME 2048.7</del> <del>1404095</del>
		TACH 2048.7		GEAR RETRACTION OK LUBED GEAR CHK'D ACCOUNTABLE SURFACES FOR TRAVEL & ATTACH, CHK'D FLT QTR 91-407(D) BATTERY DUE TO 7108, SERVICED BATTERIES, C/W AD 95-17-06 EX. INOP INSPECTION OK c/w AD 76-07-12 KEG SMO. OPERATION OK

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.)
7/16/06	Tech - TT -	2034.6 74	12.5	Aircraft Inspected IAW a 100 Hr / Annual Inspection using mooney mm. checklist AD check to date. C/W AD 95-17-06 exhaust / mounts inspection no defects noted, AD 76-07-12 Ignition Switch OOPS good. Replaced ELT Battery and tested per 91.407 D next Battery replacement due 7/08. removed and replaced one piece belly panel (previously approved) 2 each belly support frames P/N 210110-000 and 210109-501, replaced AFT end support bracket on 560243-503 support, replaced LH and R/H Inbd Flap hinge supports and fittings, cont-
7/16/06	Tech O2 Bottle For 5 year W/W 198565942941	2034.6 re-certified Hydro		

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.)
CONT -				replaced L/R and R/L AFT wing Fillet to Fuselage Fittings, Fwd wing Fillet to Fuselage Fairings removed for minor fiberglass repair and re-installed and painted, outer gear doors removed for minor fiberglass repair and reinstalled, replaced brake discs, brake linings, caliper o-rings and fluid, replaced both central vacuum filters, replaced all 4 fuel caps, inner and outer o-rings replaced tail Jack screw boot, replaced Air induction Filter element, checked landing gear tie rod performed 5 gear retraction and 2 emergency extensions, Replaced wheel bearings and serviced over

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.)
10/8/05	Tach-		2032.1	- Aircraft landed with landing gear in unsafe condition causing damage to landing gear train, nose gear truss, belly panel and 3 antennas, and gear doors on outer main and nose gear, both inbd flap hinges ground down, and wing root fairings damaged. replaced nose gear truss P/N 540016-507 2ea push pull tubes P/N 560244-501, replaced hardware in bungees and link tubes, removed disassembled gear actuator inspected no damage or worn brushes noted, reinstalled and rigged landing gear system per mooney mm -

Next

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.)
	Continued	-		replaced 3 ea antennas with new. Performed 11 gear extensions and 3 emergency extensions no discrepancies noted. damage to flap hinges, belly panel, gear doors and fairings considered safe for ferry flight, aircraft inspected and considered safe for special ferry permit issued for flight from Lake Tahoe Calif. to Caldwell Idaho, - End

Will Will AP565948941



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.)
3-7-04	1855.0		<del>1100</del> VOID <del>1133.6</del>	Performed Annual inspection using check list meeting the min. requirements of Part 43 Appendix D; Lubricated controls, hinges, Jack screws, and cables, checked AD's to Date, c/w AD 95-17-06 exhaust crack insp., c/w AD 96-09-08 by inspection of Air filter gasket, c/w AD 76-07-12 Ignition Switch checked good, replaced ELT Battery and opps checked, Next Due 02/2006 replaced Bracket filter element. I certify this aircraft has been inspected I.A.W. an annual inspection and found to be in airworthy condition to be returned to service after completion of successful test flight. Will Will AP565948941 IA.
	WW	AFTT	7233.7	

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.)
3-8-04	Tach 1857.1	AFTT	7235.0	Aircraft Flown 1.3 hours, engine performance and parameters normal, all flight characteristics normal, performed in flight opps check on landing gear warning and stall warning systems, opps good, aircraft returned to service this date - End - Will Will 3/8/04 AP565948941 IA
				Aircraft Flown by Pilot/owner Irwin Fehel Sumner 6016-40
3-7-04	cont:-	installed		nose gear pivot bushing kit P/N SK-01 per STC SA3540NM see Form 337 This Date - Will Will AP565948941 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.)
Cont →	Nose	gear	truss	assembly, <sup>with</sup> and installed over size bushing kit SK01 Per STC SA3540 NMM in upper truss assembly, disassembled, inspected and replaced hardware in 560245-501 nose gear bungee assemblies (2 ea.). replaced lower main gear door 1/4 P/N 550060-002, replaced both nose gear doors P/N 550005-005 & -006, replaced nose and main gear tires and tubes, repacked all wheel bearings, installed new brake linings, caliper O-rings and power bleed brakes, installed new downlock link arm, P/N 510079-001, bushings and hardware on R/H main, checked pig on gear doors, landing gear system, bungee tensions, actuator stops and complete lubrication of gear system. removed disassembled and inspected elec. gear actuator, performed checks and complied with Mooney Service Bulletin M20-279 verified shimming and rotational torque between 5.0 and 5.5 inch pounds, impression stamped

Cont →

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.)
Cont →	"NB"	on	actuator	housing Per S/B instructions, installed and rigged actuator Per MM 32-30-02, Performed Sea gear cycles and sea emergency extensions opps check good and gear lock light illuminated. Replaced 1/4 inbd flap hinge assembly P/N's 210104-000, A210106-501 and 210398-001 plastic failings. applied minor fiberglass repair and re-painted one piece belly panel skids, replaced 2 ea com. antennas on belly panel (purchased new), removed engine, performed tear down inspection for sudden stoppage, reassembled and reinstalled (see logs) installed overhauled propeller, performed successful ground run, performed normal run on leaks noted. aircraft to be returned to service upon completion of annual inspection and test flight. - End - Will Will A4P 565948941 JA

DATE 19__ 2002	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.)
5-2-02	Tach	1631.1	<del>TT 8511.1</del> VOID WW	Performed 100 hr/Annual inspection
WW AF	TT	70092		using checklist meeting the requirements of Part 43 Appendix D, lubricated pulleys, push/pull tubes, hinges, controls, repacked wheel bearings, I certify this aircraft has been inspected IAW an annual inspection and found to be in airworthy condition
				Will Will AIP 56594894 IA.
replaced	ELT	Bat.		checked AD's to date, G/W AD 96-09-06
Next due			2-2004	INSP OF AIR Filter gasket, and 95-17-06
OPPS ✓	good			INSP OF exhaust system for cracks none found.
				5-2-02 Will Will AIP 56594894 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.)
3-7-04	Tach 1855.6		<del>TT 4733.6</del> VOID WW	IN March 2003 aircraft was landed with wheels
	WW	A.FTT	7233.7	UP, gear down lever was activated during an attempt to become re-airborn, gear partially opened with aircraft on the ground sliding, causing damage to gear train components, nose gear truss, gear lower doors on mains, and both nose gear doors, one piece belly panel skins, 1/4 inbd flap hinge, and prop strike. (see engine and prop log books for corrective action). Corrective action: a complete inspection for obvious and hidden damage was performed, replaced 2 ea. P/N 560244-501 push-pull rods and attaching hardware, replaced P/N 540016-501

Continued Next Page

DATE 19 2002	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.)
6-3-02	Tach 1631.1			aircraft experienced wheels up landing, the following parts replaced, LH lower gear door P/N 550060-001, LH/RH nose gear doors P/N 550099-601/002, one piece belly panel supplied by aquatic exhibit group, wheel ridge color, belly support frame P/N 210901-501, LH/RH flap inbd hinges P/N 210104-000, LH/RH flap fairings P/N 210398-003/-004, gear push pull tube P/N 560244-501, 2 ea Dme antennas P/N C1-105, 1 ea marker beacon antenna P/N C-102, 1 ea ADF antenna P/N 071-1133-00, nose gear tire and tube, installed back clutch relief spring kit P/N A10-85, Next due Tach 2631.1, All parts purchased from approved PMA sources, engine and propeller cont

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.)
			Cont.-	overhauled (see engine and propeller log books) performed 5 gear retraction and emergency extensions (verified lock light and gear warning opps ck) and engine ground runs satisfactory for test flight. I certify this aircraft has been inspected and found to be airworthy for intended test flight. Will Will AIP56594941
6-3-02				Aircraft test flown 1.2 hours all flight characteristics normal, no discrepancies noted, aircraft returned to service this date Will Will AIP56594941 Pilot - Irwin Felber #6016-412 June 2002

DATE 2000 12-26	RECORDING TACH TIME 1455.1	TODAY'S FLIGHT	TOTAL TIME IN SERVICE TT 6496.2	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.)
				Performed 100 hr inspection using mooney m20k maintenance manual checklist, meeting the minimum requirements of Part 43 appendix D, lubricated airframe, landing gear and controls, performed 3 gear retractions, verified gear warning, installed new brake linings and R/H main gear tire, repaired fuel leak on R/H wing outboard tank access cover, installed new wheel stroke power supplies P/N 114714 in both wing tips and new bulb P/N 110153n R/H wing tip performed ignition switch check per AD 76-07-12 <del>94-06-09</del> results failed, installed new ignition switch P/N 10-3573100pps check good, installed 2 ea new concord G-35 aircraft batteries. I certify this aircraft has been inspected I.A.W. a 100 hr inspection and found to be in airworthy condition. Will Miller ACP 565948941

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>TACH TIME <u>1455.1</u> TOTAL TIME <del>2335.1</del> <sup>TT 6496.2</sup> <del>SMON</del> <sup>ww</sup></p> <p>I HAVE INSPECTED THIS <u>Aircraft</u> IAW FAR 43 APP. L,</p> <p>AND <u>Mooney</u> SERVICE MANUAL # <u>      </u> IAW ANNUAL 100 HR</p> <p>INSPECTION AND NOW THIS DATE RETURN TO SERVICE <u>12-16-00</u></p> <p>JOHN C. GRAY A &amp; P 2231891 IA <u>John C. Gray</u></p>





DATE 2000 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.)
1-5	1118.2			Installed Servicable O2 cyl. in aircraft, hydrotested 12-15-99 by Oxarc, Serial No 124094. <sup>* Void leak</sup> <del>leak</del> <sup>WV</sup> good Will Will A+P 565948941
1-6	1118.2			* Void Leak check, system developed small leak in valve after installation, sent out to Scott Aviation in Lancaster Ny for overhaul, Will Will A+P 565948941
1-20-00				installed overhauled O2 bottle from Scott Aviation, rigged on/off cable leak check and opps check good. Will Will A+P 565948941

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.)
2-18				Installed new push to talk switch in Pilot side yoke. opps check good. Will Will A+P 565948941
FEB 24 2000 TACH 1143.4				REPLACED LEFT INBOARD FLAP HINGE AND FAIRINGS, REPLACED ADF, TRANSPONDER AND STROMSCOPE ANTENNAS James C. Magister A+P 1906211

Mooney 305 Rocket A1305PP

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.)
11-26	1118.2		TT 6159.2	Performed 100 Hr inspection per mooney Service manual and FAA, Part 43 Ap D, lubricated all controls and fittings. Repacked wheel bearings, replaced RH inbd fuel quantity float assembly P/N 610242-003, repaired fuel leak in RH inbd tank, removed O2 bottle from A/c for certification, placard placed on instrument panel "O2 bottle removed" "O2 system inop.", replaced 1 brake lining and backing plate on LH gear, cleaned fuel screen and replaced O-rings in gascolater, installed new FLT cont.

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.)
			—	Continued! Battery Due Nov 2001 Complied with AD 98-24-11, by replacement of Allison control rods, C/W AD 95-17-06 by inspection of exhaust/heatib system, this aircraft has been inspected I.A.W. a 100hr inspection and found to be in airworthy condition. With I.A.W. ATP 565948941 TACH TIME <u>1118.1</u> TOTAL TIME <u>6159.2</u> SMOH _____ I HAVE INSPECTED THIS <u>Aircraft</u> IAW FAR 43 APP.D. AT <u>Mooney</u> SERVICE MANUAL # <u>MMK</u> , IAW ANNUAL 100 HR INSPECTION AND NOW THIS DATE RETURN TO SERVICE <u>11-26-99</u> JOHN C. GRAY A & P 2231891 IA <u>John C. Gray</u>

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.)
3-3-99	889.60			INSTALLED NEW BRACKETT AIR FILTER ELEMENT; LABELED WATE-GATE CONTROL, DECREASED BELLY OF AIRCRAFT.  M. J. [Signature] ATP 530378501
27 APRIL	920.0			OPENED ALL AIRCRAFT FUEL TANKS. Resented ALL TANKS. Repair leaking Aux to MAIN TANK Fuel transfer tubes. Remove and Replace several unserviceable Rivets in LH AND RH MAIN Fuel Tanks Replace one unserviceable Rivet in LH Aux TANK. Comply with AD 85-24-03 AND MOONEY SERVICE BULLETIN M20-280A Remove Gascolator and Flush all Fuel Lines. Reinstall and Safety Gascolator. Fuel System Leak and op Check Good. Aircraft

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.)
				Continued: Engine Run-up Good. Aircraft is approved For Return to Service this Date. <del>M. J.</del> ATP 53048411A.
8-17-99	TAKH/004.0			Replaced At Main tire with 600x6 6ply flight special tire; New tube. Replaced wheel bearings. Pat Nelson A; P519088603

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.)
<u>8/5</u>		Repaired inop		Electric Trim Switch LANCASTER AVIONICS INC.
		Repaired KR86		LANCASTER AIRPORT LITITZ, PA 17543
		Check OK. Details on file		SN 24548. Ops DATE <u>8/5/98</u>
		WO Ref # 2945		CERTIFICATE NO. <u>LNR264</u> SIGNED <u>[Signature]</u>

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Tach: 831.9  
Hobbs:  
TTAF: 5873.0

TTE: 1283.3  
TSMOH: 906.2  
TSPOH: 831.9

Date: 12-20-98

[Signature]  
Rick Robinette A&P 518583365IA

DATE  
19\_\_

## AERO ONE #2 -308 Airport Loop, Twin Falls, ID 83301

Cont: TSIO-520-NB(8) S/N 290544-R Tach: 831.9 Date: 12-20-98  
100 RR T.T. 1283.3 TSMOH 906.2

Performed <sup>100 RR</sup> 50 Hour Inspection IAW Aero One #2 Inspection Report and FAA Part 43 Appendix D -removed top spark plugs, ran a compression check: #1 74/80, #2 74/80, #3 73/80 #4 76/80, #5 75/80, #6 75/80 - drained oil, removed oil filter, cut open filter, no foreign material was found, installed a new Champion CH48109 filter and safety wired - serviced engine with 12 qts 20/50 X-C Phillips oil - cleaned and gapped top spark plugs and installed using new gaskets, torqued plugs to their proper value - complied with AD 95-17-06 exhaust system cracks by inspection, non were found NID in 50 hours/Tach 874.9 - engine was washed with solvent and test run - no visible oil leaks - installed cowling - engine was returned to service - all work was performed in accordance with Continental Service Manual and Rocket Engineering of Spokane, WA.

Rick Robinette [Signature] A&P518583365IA

END

Repair

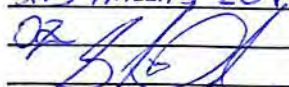
DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-24-98		REPAIR KING		KMA-24 s/n 7401 MARKER RECEIVER, KI-525A s/n 14539 HSI, KA-285 s/n 6486 AP ANNUNCIATOR, AND DORNE DME XT-2. DETAILS ON FILE WO # 2796
				LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>6-24-98</u> CERTIFICATE NO. LN7R261N SIGNED <u>James Lord</u>

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.)
				TURBO FLITE NH 305PF WO # 2796
				7-7-98
				① ADJUSTED sensitivity levels in KMA 24 marker beacon receiver s/n 7401. REINSTALLED IN ACFT. OPS TESTS GOOD.
				② REPAIRED GLT BANANA JACKS. OPS TESTS GOOD.
				③ REPAIRED STICKY GLIDESLOPE NEEDLE IN KI-525A S/N 14539. REINSTALLED IN ACFT. OPS TESTS GOOD.
				④ REPLACED FAULTY LAMPS IN KA 285 S/N 6486 ANNUNCIATOR PANEL. OPS TESTS GOOD.
				⑤ REMOVED AND REPLACED FAULTY CLOCK. OPS GOOD. PIN MD-90 S/N 98242 REF WO # 2796
				LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>7-7-98</u> CERTIFICATE NO. LN7R261N SIGNED <u>James Lord</u> <u>KCM (UK)</u>

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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4-27/98 305PF M20K 305PF 647.0  
 Date N# Make Serial # Tachometer

"SUPPLEMENTAL LOG ENTRY"

CHANGED ENG OIL, REPLACED FILTER, SERVICED ENG 4/11  
 RTS PHILLIPS 20W-50 GRND RUN, NO LEAKS FOUND, SERVICED  
  
 NIP 26369148

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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6-19  
 Installed 3M WX-10A Stencoscope System w/WDA-5005  
 WX Adapter for existing ARGOS 200. All work was  
 accomplished IAW AC 43.13-1A1-29 chapters 243, &  
 244. wdg's install manuals. System was functionally  
 tested it was found to perform its intended function and  
 advise checks on other ALB systems. w/d change  
 recalculated. Equipment list revised.  
 See Form #332 this det.

LANCASTER AVIONICS INC.  
 LANCASTER AIRPORT  
 LITITZ, PA 17543  
 DATE 6-18-98  
 CERTIFICATE NO. LNZR261N  
 SIGNED 



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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**BF Goodrich**

Aerospace

Component Overhaul & Repair  
817 W. Howard Ln., Bldg. 3  
Austin, Texas 78753-9710


**CASTLEBERRY**

FAA Repair Station UZ2R232L

LOG BOOK ENTRY

Date: 10-06-97 A/C Hour Meter: 535.6 A/C Tail No. N305PF

Removed airspeed indicator p/n 8125b283 s/n 70986 for repair and bench check. Reinstalled airspeed indicator in aircraft and unit ops check good.

Authorized Signature: 

Cert # 2553005

GA1005

DATE  
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**AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301**

repair

Airframe: Mooney M20K N305PF S/N 25-0486 Tach: 553.6 Date: 10-30-97

Removed cowling, installed aux cabin heater by Rocket in accordance with Rocket's 305.100 Installation Instructions - put aircraft on jacks, removed front strut assembly, disassembled, cleaned, bead blasted, primed, painted glossy white, installed new disc's P/N 530021-00, installed strut assembly on aircraft using new hardware - installed a new nose wheel tire 500-5 / 6ply, packed wheel bearings, lubed front gear and linkage - installed new front gear door rod ends - packed main wheel bearings, installed new brake pads on mains P/N 066-10500, lubed main gear and linkage - ran gear retraction test, rigged inner doors and safety wired, gear retraction test proved to be satisfactory - serviced main tires with 42 psi of air and nose tire with 49 psi of air - removed aircraft from jacks - installed cowling - returned aircraft to service - all work was performed in accordance Mooney M20K Service Manual - see Aero One #2 Invoice #10518 for work performed and parts used.

Rick Robinette



A&P518583365IA

-----END-----

DATE  
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I certify that this aircraft has been inspected in accordance with a annual inspection and was determined to be in an airworthy condition.

Tach: 445.2  
Hobbs:  
TTAF: 5486.3


TTE: 896.6  
TSMOH: 519.5  
TTP: 445.2

Date: 08-01-97



Rick Robinette - A & P 5185833651A

Repair

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19____				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p> <p><b>BF Goodrich</b> Aerospace</p> <p><b>CASTLEBERRY</b></p> <p>Component Overhaul &amp; Repair 817 W. Howard Ln., Bldg. 3 Austin, Texas 78753-9710 FAA Repair Station UZ2R232L</p> <p>LOG BOOK ENTRY Date: <u>10-8-97</u> A/C Hour Meter: <u>536</u> A/C Tail No. <u>N305PF</u></p> <p>Traced audio and intercomm systems to find reason of failure. Isolated failure to a broken wire on the pilots aux mic jack. Repaired wire and system ops checked good.</p> <p>Authorized Signature:  Cert # <u>2553005</u></p>

**AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301**

DATE

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**Airframe: N305PF S/N 25-0486 Tach : 495.2 TT: 3375.2 Date: 08-29-97**

Put aircraft on jacks, removed RH wheel, removed old tire, installed a new 600-6 8ply Flight Custom II tire on the wheel, serviced tire with 42 pounds of air, installed wheel on aircraft and secured nut with a cotter key - serviced LH tire with 42 pounds of air and the nose tire with 49 pounds of air - returned aircraft to service.

**Rick Robinette**

*Rick Robinette*

**A&P518583365IA**

-----**END**-----

**AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301**

DATE

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**Airframe: Mooney M20K N305PF S/N 25-0486 Tach: 445.2 Date: 08-01-97**

Completed a annual inspection this date in accordance with Aero One #2 inspection report and FAA Part 43 Appendix D - put aircraft on jacks - packed all wheel bearings - serviced main tires with 42 psi of air and nose tire with 49 psi of air - lubed landing gear - gear retraction test proved to be satisfactory - lubed all pulleys and hinges - checked fuel strainer screen for foreign material, none was found - checked batteries for corrosion, none was found - C/W AD76-07-12 ign switch by test, NID in 100 hours/545.2 tach - C/W AD 98-09-06 Brackett air filter gasket N/A by model of aircraft - see complete AD listing in aircraft log book #3 & #4 - returned aircraft to service - test flight proved satisfactory.

**Rick Robinette**

*Rick Robinette*

**A&P518583365IA**

-----**END**-----

Toc 442.5

24 July 97

Tested static system good after Aeronic  
encoding altimeter S/N C117920 was installed FAW  
FAIR Part 23.1325. Altimeter was yellow Tagged  
on May 31st 1996. Tested Mode "C" altitude readout  
from Transponder FAW FAIR Part 43 appendix F.

Repair Station A4VR227J  
Permit #2513213

**Aircraft Record** General Information

Manufacturer MOONEY Model M 20K

Serial 25-0486 Registration Number N305PF

Date of Manufacture 1980

**Engine(s) currently installed:**

Manufacturer CONTI Model TS10-520-NB Serial 290544R

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_



*The Standard*

# AIRCRAFT LOG

ASA/SA-1

REPLACE ELT BATTERY

APR

'95







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# AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301

**Airframe**      **Tach :209.1**      **Hobbs: 3398.1**      **T.T.**      **Date: 02-25-97**

Removed the cowling and inspected, found the the LH cowl flap RH hinge and nut plate to be wearing on the motor mount. Removed cowl flap, the LH hinge had to have rivets drilled out due to the new air intake duct that Rocket installed. Mfg. new bushings, installed 3 nut plates in the LH hinge. - Installed wing walk that was supplied by the owner. - Trouble shoot the low cyl. head temp. Removed the factory probe and installed another probe from another Rocket. The reading was the same, because the probe no longer gose right in the cyl. head temp. It is now installed into the insight cyl. head temp. This results in less heat being detected. - The dust covers on the main weels had the threads stripped in the wheel, installed #10-1032 helicoils in the wheels. - Swung compass and installed a new compass card.-Test flight proved to be satisfactory, aircraft retured to survice.-----

**Rick Robinette** *Rick Robinette* **A&P518583365IA**  
-----**END**-----

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# AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301

**Airframe**      **Tach : 238.3**      **Hobbs: 3398.5**      **T.T.**      **Date: 03-20-97**

**Cleaned belly with solvent, tried with soft terry cloth towels; serviced tires with air, mains 42 and nose with 49 pounds of air; installed new polished fuel caps P/N 431-9R on the main tanks; returned aircraft to service.**

**Rick Robinette** *Rick Robinette* **A&P518583365IA**  
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### AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301

**Aircraft**      **Tach : 200.0**    **Hobbs:**            **T.T.**            **Date: 02-14-97**

Replaced electric trim circuit breaker switch with new P/N 930023-009; removed and replaced faulty vacuum light pressure switch with new P/N 880012-501; sanded and painter new compass housing P/N C24-727E and installed; removed factory CHT gauge and installed new one P/N 640281-143; swung compass and installed a new compass card; trouble shot the reason the landing gear would not retract or extend at times, found that the up limit and down limit switches were intermittent part of the time, placed aircraft on jacks, replaced the up limit switch with a retro fit kit P/N 940112-501, replaced down limit switch with new P/N 1CH116-6; rigged switches IAW Mooney's M20K service manual, gear retraction test proved satisfactory; installed a new RH wing tip light lens P/N 210384-002; returned aircraft to service; test flight proved satisfactory.

**Rick Robinette** *Rick Robinette* **A&P518583365IA**

-----**END**-----

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### AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301

**Airframe**      **Tach : 205.4**    **Hobbs:**            **T.T.**            **Date: 02-16-97**

Repaired one piece belly pan with skids that was damaged in the gear up landing in May , 1996, the repair was made in the following manner; skids were removed from the pan and fiberglass was applied to fill in the voids left by the removal of the skids, the pan was then painted to match tshe aircraft; the repaired finished pan exceded load requirements and strength tests of the one piece factory pan provided by Mooney Aircraft as part of the orginal equipment; pan was weighed and log book entries will be needed and weight and balance revised when the different pans are installed on the aircraft; pan weight with skids is 23.4 pounds, pan weight without skids is 19.8 pounds; see FAA Form 337 dated 12-20-96 for this field approval.

Installed smooth belly pan this date, weight and balance as been revised.

**Rick Robinette** *Rick Robinette* **A&P518583365IA**

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Test flight of aircraft proved satisfactory. Aircraft returned to service. See Aero One #2 work order #05263

Rick Robinette *Rick Robinette* A&P518583365IA

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I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TACH 144.2  
HOBBS 3395.8  
TTAF 5187.3

TTE 597.6  
TSMOH 220.5  
TSPOH 144.2

DATE 11-06-96

*Rick Robinette*  
RICK ROBINETTE  
A & P 518583365IA

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### AERO ONE #2 - 308 Airport Loop, Twin Falls, ID 83301

Aircraft Tach : 189.3 Hobbs: TT. Date: 01-17-97

Installed two new Concorde RG-35 batteries; checked the landing light terminals and found one loose, tightened all terminals as needed; removed landing light lens, cleaned inside and out, reinstalled lens; bottom cowling is wearing on the exhaust cabin heat shroud and the landing light wire is rubbed also, repaired wire and spaced the bottom cowling with rub strips to prevent future rubbing; bottom cowling is wearing on the intake cross over tube drain line fitting and on cross over tube hose clamp support, repositioned drain line fitting and the hose clamp; lowered the front bottom cowling support stops to prevent lower cowling from wearing on #6 cyl. valve cover; washed belly of aircraft with solvent and dried with soft terry cloth towels.

Rick Robinette *Rick Robinette* A&P518583365IA

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Aero One #2

Tach: 97.1 Hobbs: 3395.2 10-03-96 Airframe: N305PF

1. Cleaned belly with solvent.

Aircraft was returned to service. See Aero One #2 W/O 05259.

Rick Robinette *Rick Robinette* AAPS18583365IA

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Aero One #2

TACH: 146.2

Hobbs: 3395.8 AIRFRAME Date: 11/06/96 N305PF

1. 100 Hour Inspection completed this date. 2. Packed all wheel bearings and rigged inner gear doors. 3. Landing gear was lubed. 4. Ran gear retraction test main gear needed to be rigged. Rigged landing gear. Gear retraction test proved satisfactory. 5. Removed nonserviceable brake pads and inspected holders, cleaned and installed new pads p/n 066-10500. 6. X-over intake drain tube drain line fitting was rubbing on the bottom cowling. Switched lower cowl front support bumpers. 7. RH brake disc was not serviceable. Installed new chrome disc p/n 164-12000. 8. Serviced tires w/air: nose -

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Aero One, Twin Falls, ID.

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System M/N GEM-603-6 S/N 8249 IAW STC SA157NE. 337 dated 07-18-96 in aircraft papers. Completed Annual Inspection this date. All routine lubrication and maintenance performed IAW Mooney Service Manual. Complied with the following ADs:

- 95-18-12, fuel selector valve, N/A by mfg.
  - 95-17-06, exhaust system cracks, by insp, NID 50 hr
  - 96-07-12, ign switch, by test, NID 100 hr.
- See complete AD listing at back of log book. For part numbers and detail of work, see Aero One work orders #05405, 05405 and 05411.

INSTALLED NEW TACH: 00.0  
Rick Robinette *Rick Robinette* A&P518583365IA

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DATE	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.)
19__				
				I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
			00.0	
	TACH <u>1134.1</u>			TTE <u>451.4</u>
	HOBS <u>3393.5</u>			TSMOH <u>74.3</u>
	TTAF <u>5041.1</u>			TSPOH <u>0.0</u>
			DATE <u>07-18-96</u>	<i>Rick Robinette</i> RICK ROBINETTE A & P 518583365IA

DATE \_\_\_\_\_  
 19\_\_ Aero One, Twin Falls, ID

Tach: 1134.1    Hobbs: 3393.5    07-18-96    AF    N305PF

Removed prop. Removed engine for tear down due to prop strike caused by gear up landing April 28, 1996. Engine was repaired by Carter Engines, Elizabethton, TN, their work order #05216-41 and reinstalled IAW Rocket Engineering Corp. STC SA569NM. Exhaust system was overhauled by Rocket Engineering work order #956 and reinstalled on aircraft. Propeller was overhauled and the blades replaced by Precision Propeller work order #11191 and reinstalled on aircraft. Replaced one piece belly with new. Installed 2 new flap hinge fairings on RH flap, inboard and outboard. Overhauled cowl flap linkage. Installed new front gear doors. Replaced LH front gear door lower rod end and RH upper rod end. Replaced LH main gear landing gear biscuits and lubed main gear. Disassembled RH main wheel, cleaned, inspected, dye checked for cracks and assembled wheel with new tire. Packed all wheel bearings and serviced

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 19\_\_ Aero One, Twin Falls, ID

tires with air. Installed new brake pads, removed wheel cylinders, disassembled, cleaned, inspected, honed, installed new o-rings, assembled, installed and bled brakes. Replaced steering rods ends, removed steering cross shaft and installed shims. Tightened all steering hardware, lubed mechanism. Adjusted landing gear rigging. Gear retraction test proved satisfactory. KY-197 Com, S/N 74684 repaired by Lancaster Avionics work order 482. Manifold pressure gauge S/N AF-5924993 overhauled by Otto Instrument work order 269710. Removed Hoskins fuel flow system. Installed Shadin 910531T-D, S/N 1962, computerized fuel display system as per STC SE444GL. 337 dated 07-18-96 in aircraft papers. Installed gear and stall warning system through headsets, see 337 dated 07-22-96 in aircraft papers. Reinstalled Kidde fire extinguisher forward of the LH front seat. See 337 dated 07-22-96 in aircraft papers. Removed Electronics International EC-1P gauge. Installed Insight Graphic Engine Monitor

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DATE	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.)
1996				
4/11/96	1100.21	—	4986.71 ↓ 5007.2	STRIPPED, PREPED AND PAINTED A/C: CHECKED BALANCE OF FLIGHT CONTROLS IAW MOONY MAINT. MANUAL. NATIONALITY & REGISTRATION NUMBER WAS CHANGED TO N305 OWNER REGISTERED NEW NUMBER WITH FAA. — AIRCRAFT APPROVED FOR FLIGHT
				<i>[Signature]</i> JASR413560AY

DATE 19\_

Aero One, Twin Falls, ID

Tach: 1133.3 Hobbs: 3392.5 AF 05-11-96 N305PF

Aircraft was inspected and determined to be airworthy for ferry flight to Twin Falls, ID, for repairs after a wheels up landing in Hailey, ID.

Rick Robinette *Rick Robinette* A&P518583365IA

NUMBER OF ENTRIES.)

DATE	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.)
1995 9-25	1061.84	4968.8	4948.34	NEW NOSE WHEEL INSTALLED W/ NEW BUSHINGS. ENGINE REMOVED FOR TEAR DOWN INSPECTION PER CONTINGENT SB 84-16. ENGINE FAILED INSPECTION AND WAS MAJOR OVERHAULD.
11-25				OVERHAULD ENGINE REINSTALLED, GROUND RUN UP WAS SATISFACTORY - RETURNED TO SERVICE.
			(4968.8)	
12-26-95	1061.84		-4948.34	TOTAL TIME INSTALLED ROCKET ENGINEERING CORP STC SA 002435E (GROSS WEIGHT INCREASE TO 3200 LBS) SEE PAAFORM 337 FOR DETAIL. ALSO INSTALLED JOSE MONKEY LONG RANGE TANKS, STC SA 191350, SEE KAA FORM 337 FOR DETAIL. AIRCRAFT IS AIRWORTHY AND IS

DATE	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.)
				RETURNED TO SERVICE. M. J. - AFS02205326 #
1-17-96	TACH: 1078.34			INSTALLED CUSTOMER SUPPLIED HORIZONTAL STABILIZER TRIM ACTUATOR ASSEMBLY; INSTALLED NEW WING TIP FENCES. M. J. - AFS 30328501.

5/2/1/33 HOBBS 3342







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AVI, Twin Falls, ID

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Tach: 941.2      Hobbs: 3388.2      04-06-95      N9522U

Removed old windshield and installed new windshield manufactured by Great Lakes Aero Products, P/N W-2161-250. Installation was performed in accordance with Mooney M20K Service Manual #130, dated April 1985, Section 56-21-02. See 337 in aircraft papers. Installed repaired strobe power unit P/N 701295-3B S/N 6537, Sheldahl work order #R-00535 (yellow tag with aircraft papers) and new wing tip strobe light unit P/N 204880. Ops check proved satisfactory. Aircraft returned to service. See AVI work order #05234 for details.

Rick Robinette



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AVI, Twin Falls, ID

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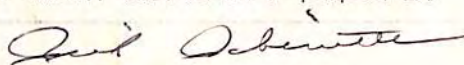
Tach: 865.5

Date: 1-4-95

N9522U

Weighed aircraft. Computed new weight and balance document and put with aircraft papers.

Rick Robinette



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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 THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
	TACH <u>856.5</u>			
	HOBBS <u>3386.4</u>			
	TTAF <u>4763.5</u>			
			TTE <u>173.8</u>	
			TSMOH <u>0.0</u>	
			TSPOH <u>0.0</u>	
	DATE <u>01-04-95</u>			<u>Rick Robinette</u> RICK ROBINETTE A & P 5185833651A

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.)
3-18-95	129.57			Installed New nose shock disks & shock disk mount Per Mooney MM Installed New Pilot instrument Panel Shock Mounts performed gear retraction ops checks good see w/o 1676 Hal Jones insp
				OGDEN AIR SERVICE 3911 S. AIRPORT RD. OGDEN, UTAH 84405 FAA REPAIR STATION DPOR285D

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AVI, Twin Falls, ID

papers. Installed Lake Aero's stainless steel wing tie down/jack point hardware. Repaired areas were prepped and painted with Centauri mixed to match paint. Installed new McCauley propeller M/N 3AF32C505-C/G-82NEA-5.5, S/N 941191, McCauley blades S/N OC055, OC062, and OC070. Installed rebuilt Continental engine purchased from Carter Aviation Supply M/N TSI0520-NB(8) S/N 290544-R. Landing gear rigged IAW Mooney Service Manual. Gear retraction test proved satisfactory. Ailerons and trim re-rigged, ops check proved satisfactory. Hoskins strobe power supply sent for repairs, Sheldahl order #3/R-09104, and reinstalled. Packed all wheel bearings. Installed McCreary 600-6 8 ply tires on main gear and a Goodyear FlightCustom II 500-5 6 ply tire on nose gear. Replaced brake pads P/N 66-105. Installed new stall warning horn P/N SC 628. Ops check OK. Installed 2 seat stops P/N 0713047 and 2 pins P/N MS20392-1621. RH and LH fuel tank outlets leaking. Removed fuel outlet adapters and cleaned all fuel stains and sealants from them. Installed 2 new

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AVI, Twin Falls, ID

outlet gaskets P/N 610261-001. Three fittings leaking at the fuel selector. Loosened fuel selector, removed lines, removed fittings, cleaned, applied sealant and reinstalled. Removed batteries, serviced and reinstalled. Completed Annual Inspection this date. All routine maintenance and lubrication performed IAW Mooney Service Manual. One AD due at this time: #76-07-12, ignition switch, c/w by test, NID 100 hr. 4863.5 TT. See complete AD listing at back of log book. ELT ops check OK, due April 95. Test flight of aircraft proved satisfactory, aircraft returned to service. For details of repairs, see AVI work orders #9967 and #9970.

Rick Robinette

*Rick Robinette*

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DATE	AVI, Twin Falls, ID	OF
19__		(IES.)
Tach: 856.5	TT: 4763.5	1-4-95
		N9522U

The following log book entry details repairs of damage attributed to belly landing of May 21, 1994. Removed engine for tear down or replacement. Removed prop for replacement. Removed damaged panels, cleaned and degreased for inspection and repairs. Flap supply line was found not serviceable. New line was made and installed. Flap indicator was removed, repaired and reinstalled. The following new Mooney parts were purchased and installed: landing gear switch 8906K2875, uplock micro switch 1CH116-6, downlock micro switch DT2RA7, cowl flap spring LE-037-D, 2 main landing gear rods 5602440501, belly fairing support 210109-501, bulkhead assembly 210110-000, nose gear truss assembly 540016-507, tow limit pointer 540018-003, 4 front gear door rod ends F34-14PB, stiffeners 220000-111 and -112, landing gear actuator bracket 950093-000A, nose gear bushing/bolt kit KIT012, arm lock link 530068-001, shim

DATE	AVI, Twin Falls, ID	OF
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320001-025, 4 rod ends 200783, 4 springs 916005-000, 2 flap hinge fairings 210398-004 and -003, 3 elevator trim u-joints MS20270B8, 2 aileron rods 730006-000 and -001, front gear doors 550032-011 and -013, 2 flap tips 240025-001 and -002, gear warning horn SC 628P, actuator shim 560252-011, cowl flaps placard 150080-4014, flaps up placard -4088, flaps down placard -4087, and nose wheel decal -015. Landing gear emergency extension recoil assembly was repaired using 2 serviceable actuator springs and 3 spacers. Landing gear actuator was sent to George's Electric Service, Sacramento, CA for repairs, their work order #2271 and reinstalled. Installed one-piece belly P/N M-2-100 manufactured by Aero Mods, Inc, STC SA4080NM using stainless steel washers and screws, 337 in aircraft papers. Installed fiber glass inner gear doors P/N L550060-001 and -002 manufactured by Lake Aero Styling using their Lasar door hardware kit, 337 in aircraft papers. Installation necessitated brake rotation which was accomplished IAW STC SA4443NM, 337 in aircraft

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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.)
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9-22-93	709.35			TACK INSTALLED NEW R.H. LANDING GEAR SHOCK BISCUIT'S Mark Mast AP 388703431
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12-20-93	TACH 0751.25			INSTALLED NEW ENGINE MOUNT ATTACH BOLTS P/N RE1953-504; REMOVED BOLTS P/N 0601, 1024, 0350, 10 IAW SERVICE LETTER 93-305.02 FOR STC SA 5641 NM, MODIFIED MOONEY MODELS 305. Mark Mast AP 530328501.
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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.)
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3-9-94	795.57			HOBBS INSTALLED A NEW 212CW VACUUM PUMP. OPS CHECK O.K. Mark Mast AP 388703431
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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.)
2 July 93	Tach Reads 600.5	AF T.T. 4507.5		Fire Extinguisher received 6 yr. recertification. Greased all wheel bearings. Check protected flap skins. Manufactured and installed front and aft belly panels. Replaced gear down light bulb and attached wire. Replaced ELT Battery Next due @ Apr. 95. Replaced pilots and co-pilots seat tracks. Replaced both A/C batteries, cleaned cables and batt. box. Replaced instrument and vac reg. filters. Repaired wire on throttle gear warning switch. Replaced all brake liners. Replaced cabin light bulbs. Installed new propeller Model JAF320505-C S/N 930824. <i>M. J. Thrack A/P 519849860</i>

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.)
2 July 93	Tach Reads 600.5	AF T.T. 4507.5		I certify that this aircraft has been inspected in accordance with an Annual Inspection and a list of discrepancies and unairworthy items dated 2 July 93 has been provided for the aircraft owner. <i>M. J. Thrack A/P 519849860 IA.</i>
6 JULY 93	608.4	TACH		ITEMS MENTIONED ABOVE! TURBO MOUNT CHECK PER PROPER ATTACHMENT. TIT GAGE INSTALLED & GROUP CHECKED, GEAR WARNING LOW SYSTEM TRUBLE SUBST. AIRSIDE SAFETY SWITCH REPLACED. GROUP CHECKS OK. AIRCRAFT IS AIRWORTHY AND IS RETURNED TO SERVICE. <i>M. J. Thrack A/P 502205376 IA.</i>

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.)
				The following tests required by FAR Part 91.411 & 91.413 have been performed IAW Part 43, Appendices E & F.
				Left altimeter to <u>27,000</u> feet <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
				Right altimeter to <u>      </u> feet <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
				Static system <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
				Altitude reporting system <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
				Transponder <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
				<u><i>Donald S. Lane</i></u> <u>2251782</u> <u>11-16-92</u> Signature Certificate Date
				<b>RADIO TECHNICAL SERVICE PS3R774L SPOKANE, WA.</b>

DATE	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.)
19 <u>92</u>				
16 NOV	479.3		4386.3	AIRCRAFT WEIGHT & BALANCE PERFORMED. NEW EMPTY WT. 2189.9, MOMENT 100.976, ARM 46.1099 DATA ENTERED IN AFM. <u><i>Donald S. Lane</i></u> AP502205376 IA
12-21-92				See previous page for work performed this date.
3/3/93	550.26			DYNAMIC BALANCED PROP FROM .3 I.P.S. TO <u>.04</u> I.P.S. Sign. <u><i>John [Signature]</i></u> FOR PRECISION PROPELLER SERVICE, INC. BOISE, IDAHO

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.)
10-3-92		Tack	432.5	Installed New Seals in Both Brake Master Cylinders Install New Seals In Right Brake Caliper Removed Fuel Boost Pump and Overhauled By KRN of Phx Az UD # 1185 Ph. 1499-00-99 S/N 1581 Installed Oversize Rivets In Left Nose Gear Door Hinge Airframe Attach. Installed Recapped Main Gear Load Balance and Repacked Wheel Bearings Inspected Gear Retraction to Check for Clearance part
AIRZONA AIRCRAFT SERVICES INC. KINGMAN AZ 602-757-7744				

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.)
10-3-92		Tack	432.5	Installed New Gaskets under Rocker Arm Cover Wash and Leak Checked Aircraft Return to Service AEP 529829163 <div style="text-align: center;">           AIRZONA AIRCRAFT SERVICES INC.            KINGMAN AZ.            602-757-7744         </div>
10-21-92	TACH		487.83	TOTAL 4394.83. The following parts were replaced on left Drake assembly. 1 each P/N MS28775-2240 Ring, 1 P/N 0163-D1000 pressure plate. 1 each P/N 0161-D1500 back plate. 1-1141-D2000 disc. Replaced All Drake linkage P/N 166-105. Serviced brakes with mill 56D6 hydraulic fluid. Replaced stroke power supply + light assembly in left wing. See yellow. Replaced mixture control cable P/N 1660226-011 <i>Kingman</i> 51997025 ATP

DATE	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.)
1992 8/10/92	371.5		4278.5	OPTIONAL EXTERNAL STYR ASSY, PN 840071, REMOVED
8/10/92	TACH 371.5			WRS - PERFORMANCE DLOG INSPECTED PER MAYNARD INST. REMOVED FERRY TANK AND AUX PUMP ASSY. REMOVED AUX OXYGEN TANKS FROM REAR LUGGAGE COMPARTMENT. REUSED WT & BALANCE
				I certify that this aircraft has been inspected in accordance with a 100 HRP inspection and was determined to be in airworthy condition. Time in service 371.5 Date 10 Aug 92 Mach. 700 Inspector: A.P. 21927
				<p>① I HAVE INSPECTED THIS AIRCRAFT AND FIND THAT IT COMPLIES WITH THE REQUIREMENTS OF FAR 21.183(d). A CERTIFICATE OF AIRWORTHINESS DATED 10 August 1992 WAS ISSUED BY ME.</p> <p><i>Maynard G. Lerner</i> MAYNARD G. LERNER DAR-34-FS-NM</p>

NEXT ANNUAL INSPECTION IS DUE MAY 1993 *Maynard G. Lerner* A.P. 21927

DATE	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.)
1992 12 Sept	409.0			DYNAMICALLY BALANCED PROPELLER I.A.W. REPAIR STATION IMSR739K PROCEDURES, W.D. # 658, AND IS APPROVED FOR RETURN TO SERVICE. Robert G. Moyer 2433100
9-18-92	415.4		4322.4	Installed fiberglass facing aft of main gear well. Installed per factory. Long haul 519922525 AEP





DATE	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.)
19 92	258.34			
6 MAY		TOTAL TIME	4144.84	- HOBBS APPEARS TO BE INOP AT 3361.4 -
				6 May 1992- tach 258.34/total 4144.84 This aircraft was modified by the addition of ROCKET ENGINEERING CORP. STC SA5691NM, IAW Drawing list & installation instructions dated 27 Dec 1991, or later approved data. See supplement to AFM for additional detail. <i>M. G. Lerner</i> MAYNARD G. LERNER AP502205376IA

DATE	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.)
19 92				
May 11				100 hr insp completed for Annual, all controls & surface's insp, points of attach insp, Cush pull rods & Engle insp & Tubed, Batt serviced, Electrical system ck, Pt. Fuel tanks resealed by Rocket Engineering, C/W AD 85-24. Fuel Coy O' Rings replaced C/W AD 84-26-02 Replace. Induction Air Filter Wheels brakes & tires insp, Replace Brakes Repack all wheel bearings, Replace Nose cap & Cone, Remove & Resal rt. Master cyl, Bleed brakes not side, Ldg Gas retention test Emergency don ck. - Ldg Tubed, Cabin, glass & belly cleaned, C/W AD 76-07-12 Bendix Sw. OK at this time. cont next page.
	TACH 258.3 HR			
	T.I. 4144.8 HR			

AIRCRAFT RECORD - GENERAL INFORMATION LOG Book # 3

MANUFACTURER MOONEY MODEL M20K SERIAL 25-0486

REGISTRATION NUMBER N9522U N305PF DATE MFG. 1980

ENGINE(S) CURRENTLY INSTALLED.

MFG CONTINENTAL MODEL TS10-520-NB SERIAL 237149-R

MFG MCCAWLEY MODEL 3AF32C505/82NEA-6.5 SERIAL 900443

PROPELLER(S) CURRENTLY INSTALLED.

MFG \_\_\_\_\_ MODEL \_\_\_\_\_

HUB MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_



# Airborne

## Air Filter Change Reminder

Changed at: \_\_\_\_\_ Hrs.      Next Change: \_\_\_\_\_ Hrs.

S-28-93 Date



*The Standard*



# AIRCRAFT LOG

MODEL M-20-K  
S/N 25-0486  
REG. NO 9522U



DATE 10-17-88  
W.O. # 9042  
HOBBS 2303.8  
TACH \_\_\_\_\_

A C T T 2879.9  
ENGINE T T L 973.8  
ENGINE T T R \_\_\_\_\_  
ANNUAL DUE 10/89  
PROP T T L 973.8  
PROP T T R \_\_\_\_\_  
PROP OH L 2830.0 DT 9/90

Friedman Memorial Airport  
P.O. Box 1085, Hailey ID 83333  
(208) 788-9511  
LOGBOOK INSERT

CHECKED ALL CABLES, PULLEYS, CONTROL SURFACES, LITES,  
TIRES & BATTERY. REPLACED LH BRAKE PADS, RH TIRE W/ 600X  
6-6PLY FCII, & TUBE. REPLACED MIKE SWITCH IN PILOTS  
CONTROL. CLEAN & PACK WHEEL BEARINGS, PREFORMED  
RETRACTION TEST & FOUND OK. INSTALL COMPLETE O<sub>2</sub> SYSTEM

FORM  
X  
AW



MODEL M-20-K  
S/N 25-0486  
REG. NO 9522U

DATE 3/16/89  
W.O. # 9111  
HOBBS 2453.7  
TACH \_\_\_\_\_

A C T T 3029.8  
ENGINE T T L 1123.7  
ENGINE T T R \_\_\_\_\_  
ANNUAL DUE 3/90  
PROP T T L 1123.7  
PROP T T R \_\_\_\_\_  
PROP OH L 2830.0 DT 9/90  
PROP OH R \_\_\_\_\_ DT \_\_\_\_\_  
FIRE EXT DUE \_\_\_\_\_  
ELT DUE 5/90  
O<sub>2</sub> BOTTLE DUE \_\_\_\_\_

Friedman Memorial Airport  
P.O. Box 1085, Hailey ID 83333  
(208) 788-9511  
LOGBOOK INSERT

CHECKED ALL LIGHTS, TIRES, BRAKES, BATTERY AND  
CONTROL SURFACES. REPLACED PROPELLER AND MIXTURE  
CONTROL ROD ENDS. C/W AD 88-25-11 BY INSTALLING  
MOONEY SB M20-239. AD 84-26-02 INDUCTION AIR FILTER  
DUE AT 2530 HOURS. C/W AD 85-24-03 FUEL CAP O-RINGS.  
C/W AD 76-07-12 BENDIX MAGNETO SWITCH. PERFORMED  
RETRACTION TEST AND FOUND OK.



DATE	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.)
1927				
11-11	1921			Installed Mooney Oil Separator Kit. Complied with Mooney Service Instruction # m20 980 and Contingent Service Bulletin # 187-14, by installing new MS21919WPF-11 and MS21919WPF-16 Clamps David Mac Donald 2225018AP.
12/18/87	7/4/88	1933.9		Installed Service Flight DCR speed hook TAW STC # SA2174NM, revised weight & balance & equip. list. Rescaled LA main fuel cell. New Empty weight 1889.5, New Empty weight CG 42.86, New Useful load 1010. Gunnell A&P 519524030

DATE	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.)
19__				
				Hobbs 3030.3
ACTT			2606.3	Checked all cables, pulleys, belts, tires & batteries.
Engine TT L			700.3	Grease landing gear, perform vibration test &
Engine TT R				found OK. C/W RD 84-26-02 induction air filter
Annual Due			4/87	replaced. C/W RD 76-07-12 Bendix mag
Prop TT L			700.3	switch. Completed 100hr inspection. IPI & Mooney
Prop TT R				service manual. C/W RD 85-24-03 fuel exp O-rings
Elc Due			5/90	Date 4/5/88 Tach Time 3030.3
O <sup>2</sup> Bottle Due				I certify this aircraft has been inspected in
Pitot Static Due			4/87	accordance with a 100hr/annual inspection
Transp-Alt. Due			4/87	and was determined to be in airworthy condition.
				David Mac Donald A&P 22250181A

DATE 1987	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.)
7-14	1777.9			Replaced nose gear steering rod ends and large nose gear cotter bolt and pinot bushing. general oil retight last performance David MacDorall 2225015AF
8-24-87	1848	Hobbs.		Replaced vacuum pump with new Airborn 211C C/N 12A B005808 David MacDorall 2225015AF

DATE 1987	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.)
ACTT	2435.9	Tach 1859.9		Checked all cables & pulleys, checked all lites, replaced EGT battery due 5/90.
Engine TT	I	529.9		Checked & packed wheel bearings, packed
Engine TT	R			all brake pads, performed retention test
Annual Due		9/88		& found OK. Completed 100 hr inspection
Prop TT	L	529.9		2741 Mooney Service manual
Prop TT	R			WAD 76-57-18 Propeller Mfg. switch
Elt Due		5/90		Date 7/11/87 Tach Time 1859.9
O <sup>2</sup> Bottle Due				I certify this aircraft has been inspected in
Pitot Static Du		4/89		accordance with a 100 hr annual inspection
Transp. Alt. Due		4/89		and was determined to be in airworthy condition.
				<i>[Signature]</i> A & P 579524030

DATE 19 <u>87</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.)
				<p>I certify the altimeter and static sys. tests required by FAR 91.171 were performed in accord. with part 43, App. E.</p> <p>I certify the automatic pressure altitude reporting system was tested in accord. with part 43, App. E. as required by FAR 91.171</p> <p>Altimeters are certified to <u>30000</u></p> <p>BOISE AIR SERVICE 901-9 BOISE, ID 83705 (208) 383-3315</p> <p>Date <u>4-20-87</u> <u>[Signature]</u> AUTHORIZED SIGNATURE</p> <p>BOISE AIR SERVICE 901-9 BOISE, ID 83705 (208) 383-3315</p> <p>Date <u>4-20-87</u> <u>[Signature]</u> AUTHORIZED SIGNATURE</p>
				<p>I certify the transponder installed in this A/C</p> <p>#1 Mod <u>1511A</u> S.N. <u>25766</u></p> <p>#2 Mod <u>-</u> S.N. <u>-</u></p> <p>has been tested as directed by FAR 91.172 and meets the specification of part 43, App. F.</p> <p>BOISE AIR SERVICE 901-9 BOISE, ID 83705 (208) 383-3315</p> <p>Date <u>4-20-87</u> <u>[Signature]</u> AUTHORIZED SIGNATURE</p>

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.)
				<p><u>4-20-87</u> PERFORM MOD B ON KC295</p> <p>A/P COMPUTER SW 63-70 - TEST TAW</p> <p>KING SERV BULLETIN JTB 22387 AND</p> <p>MM SEC. 6.2.3.27</p> <p>STAT SYS TEST &amp; LEAK</p> <p>GRD CHK WORK</p> <p>MAINT HANDS RELEASE F A A CERT REPAIR STATION NO. 901-9</p> <p><u>4-20-87</u> <u>[Signature]</u> <u>AUTOPILOT</u></p> <p>DATE TACH TIME TOTAL TIME TYPE INSP OR REP</p> <p>This aircraft and/or component has been inspected or repaired in accordance with current FEDERAL AVIATION REGULATIONS and was found to be airworthy for return to service. A list of details of the repair or replacement of this aircraft under this Order is attached to this entry.</p> <p>BOISE AIR SERVICE 901-9 BOISE, ID 83705 (208) 383-3315</p> <p>Date <u>4-20-87</u> <u>[Signature]</u> AUTHORIZED SIGNATURE</p>



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.)
Nov 24, 1986	Tach 1600.0			Replaced both main gear tires & tubes Wash Tower #0 1207329

Date 12/8/86 Engine Time 287.1 AC 1617.1

Installed the TAS-100 preheater system S/N 9422 in accordance with Tanis Aircraft Services instructions and drawings No. 100E 12-4-76

Name [Signature] Mechanic# 519524030

DATE	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.)
1987				
2.2	1555.0			Installed new TIT Probe D Down A/P 4364/1022
ACTT	2210.2	2210.2	1686.2	Checked all control surfaces & cables, cleaned & packed wheel bearings, performed retraction test, checked all lines, completed 100 hr inspection IAW Mooney service manual.
Engine TT L		356.2		
Engine TT R				
Annual Due		3/88		
Prop TT L		356.2		
Prop TT R				
Elt Due		9/87		
O <sup>2</sup> Bottle Due		NA		
Pitot Static Due		8/88		
Transp-Alt Due		8/88		

Date 3/26/87 Tach Time 1686.2

I certify this aircraft has been inspected in accordance with a 100/hr Annual inspection and was determined to be in airworthy condition.

[Signature] A & P 22548

DATE 1986	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.)
9-17-86			1530 hr	hourmeter
			2116 hr	TT
				check ELT battery due 9-87
				AM's listed rear of this logbook
				I certify that this aircraft
				has been inspected in accordance with
				a <u>Annual</u> inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 JA Date 9-17-86

DATE 1986	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.)
11-22-86			1594 hr	<del>hour</del> hourmeter
			2180 hr	TT
				checked ELT battery due 9-87
				repacked all wheel bearings (nose & main) replaced brake
				lining left gear replaced both LH, RH large "O" ring fuel cap
				AM's listed rear of this logbook
				I certify that this aircraft
				has been inspected in accordance with
				a <u>Annual</u> inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 JA Date 11-22-86

Altimeter & Static check  
due 8-88  
GJS

DATE	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.)
19-85				
11-1-85			1330 hr	hourmeter
			1916 hr	TT
				distilled factory rebuilt engine TSI 360 L B 1 B ser # 247087-R 1/A/W
				Y-moons cleaning # 940045, distilled all new Aeroduct where necessary,
				installed all new rubber engine mounts, new air filter,
				ATA listed ser of this logbook <del>certify that this aircraft</del>
				ELT, battery due 9-87 has been inspected in accordance with
				new propeller installed a Annual inspection and was
				ser # 840 465 determined to be in airworthy condition
				distilled new oil pressure Gary J Johnson
				base + Turbine Gary J Johnson
				A & P 1680646 JA Date 11-1-85

DATE	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.)
19--				
				<del>King Transponder model KT76A</del>
				<del>serial no. 25766 tested in accordance with FAR 43 appendix G on 5/17/86</del>
				<del>certificat no. 2351867</del>
				<del>Pictsch Instrument Repair</del>
				<del>C.R.B. 3469</del>
				check ELT, battery due 9-87
				I certify that this aircraft
				has been inspected in accordance with
				a 100 hr inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				ATA listed ser of this logbook Gary J Johnson
				A & P 1680646 JA Date 6-27-86

DATE	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.)
1985				
7-3-85			1200 hr hourmeter 1786 hr TT	
				Replaced brake linings both gear, Replaced vac regulator filter. rechecked nose wheel bearings check ELT, battery due 9-87
				AD's listed rear of this logbook.
				I certify that this Aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition
				Gary J Johnson <u>Gary J. Johnson</u> A & P 1680646 JA Date 7-3-85

DATE	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.)
1985				
8-29-85			1300 hr hourmeter 1886 hr TT	
				Rechecked all wheel bearings (nose & main) check ELT, battery due 9-87
				AD's listed rear of this logbook
				I certify that this Aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition
				Gary J Johnson <u>Gary J. Johnson</u> A & P 1680646 JA Date 8-29-85





DATE 1984	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.)
10-1-84			900 hr 1486 hr TT	by <i>Lawrence</i>
				Installed new left main tire, repacked wheel bearings, main gear, installed new nose gear bearings & races, packed bearings c/w moving br. drst. M20-52 installation of no-brake clutch spring A12's fuel line of the logbook. ELT factory dec 2-85
				I certify that this <u>Circuit</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition
				Gary J Johnson <i>Lawrence J. Johnson</i> A & P 1650646 JA Date 10-1-84

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.)
11-17-84			971 hrs on hr. meter	Installed repaired OAT gauge <i>Lawrence J. Johnson</i> A & P 2016097
11-30-84			989 hrs. on hr. meter	Installed new heated pilot head. <i>Lawrence J. Johnson</i> A & P 2016097

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.)
7-2-84		761	hrs. on hr. meter	Installed new 211cc vac. pump. Lawrence Fan A & P 2016097
7-13-84		794	hrs. on hr. meter	Replaced engine cam flap hinge on the right side. Lawrence Fan A & P 2016097

DATE 1984	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.)
7-20-84			800 hr	hourmeter
			1386 hr	TT
				Replaced brake lines, both main gear ELI battery due 2-85
				Assisted repair of this logbook

I certify that the Static System, Altimeter, Automatic Pressure Altitude Reporting Equipment, and ATC Transponder System Interrogation Tests have been performed in accordance with FAR 43 Appendix E.  
The Altimeter was tested to 20,000 feet  
on August 6, 1984 Date  
Signed James H. [Signature] Cert. # 5762971  
Fletsch Instrument Repair CRS 3469

I certify that this aircraft  
has been inspected in accordance with  
a 100 hr inspection and was  
determined to be in airworthy condition  
Gary L. Johnson  
[Signature]  
A & P 1680646 JA Date 7-20-84

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.)
	King			transponder model KT-76A
	serial no. 25766			tested in accordance
	with FAR 43			appendix G on 5/16/84
	Technician John Keft			
	certificate no. 2343543			
	Instrument Repair			
	P.R.B. 3169			

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.)
5-23-84			700 hr	hourmeter
			1286 hr	TT
				installed new nose wheel tire, replaced nose wheel bearings, FLT battery due 2-85.
				AD's listed per of this logbook.
				right aileron for hours, aircraft test of hours + checks OK.
				(replaced right ailer with G15 new one)
				I certify that this aircraft has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition
				Gary J Johnson
				Gary J Johnson
				A&P 1680646 JA Date 5-23-84

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.)
3-5-84				600 hrs. on hr. meter F.H.T. Battery good to 2-85 No A.D.S. at this time I certify that this aircraft has been inspected in a 100 hr. inspection and was determined to be in airworthy condition Lawrence Pan A & P 2016 097 Date 3-5-84
4-30-84				STATIC SYSTEM CHECKED GOOD. Steven R. Brubaker #2304866

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.)
4-30-84				Pulled, tested, and aligned K.F-256 <sup>SN5036</sup> and KC-295 SN6370 per King specs. Test flew autopilot. Pitch porpoise gone. John D. Kieft #2343543

DATE 1983	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.)
7-18-83			400 hr hourmeter 986 hr TT	
				ELT battery due 2-85
				repacked nose wheel bearings
				AD's listed rear of this logbook.
				I certify that this Aircraft
				has been inspected in accordance with
				• 100 hr inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 IA Date 7-18-83

DATE 1983	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.)
11-16-83			500 hr hourmeter 1086 hr TT	
				checked new brake linings both main gear.
				ELT battery due 2-85
				AD's listed rear of this logbook, none apply at this time
				I certify that this Aircraft
				has been inspected in accordance with
				• Annual inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 IA Date 11-16-83

DATE 19 <u>82</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.)
12-22-82			200 hr	hourly maintenance
			786 hr	TT
				ELT checked, OK, battery due 2-85
				AD's are listed per of this logbook.
				I certify that this <u>Aircraft</u>
				has been inspected in accordance with
				a <u>Annual</u> inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 JA Date 12-22-82

DATE 19 <u>83</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.)
6-1-83			300 hr	hourly maintenance
			886 hr	TT
				replaced both main gear tires with 600 x 6 6 Ply
				repacked all wheels bearings nose & main gear
				ELT battery due 2-85
				AD's listed per of this logbook
				I certify that this <u>Aircraft</u>
				has been inspected in accordance with
				a <u>100 hr</u> inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J Johnson</u>
				A & P 1680646 JA Date 6-1-83



DATE	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.)
1982				
7-1-82			576 hr TT	
			"0" hr hourmeter	
				installed new hourmeter at this time
				EAT battery due at 2-85
				A12's listed back of this logbook.
				I certify that this <u>aircraft</u>
				has been inspected in accordance with
				a 100 hr inspection and was
				determined to be in airworthy condition
				Gary J Johnson
				<u>Gary J. Johnson</u>
				A & P 1680646 IA Date 7-1-82

DATE	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.)
19__				

### PIETSCH INSTRUMENT

FAA REPAIR STATION 3469

I certify that the altimeter and static system tests required by FAR part 9 1:170 have been performed. The altimeter

was tested to 20,000 feet on 7-28-82

Signature Steven R. Bueland

Certificate No. 23048166 Date 7-28-82

DATE 1982	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.)
4-6-82			476 hr	hourmeter x 76.
				AD's listed back of this logbook
				ELECT checked, OK, battery due <u>4-82</u>
				I certify that this <u>Aircraft</u>
				has been inspected in accordance with
				a <u>100 hr</u> inspection and was
				determined to be in airworthy condition
				Gary Johnson
				<u>Gary Johnson</u>
				A & P 1680646 JA Date <u>4-6-82</u>

2-82

DATE 1982	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.)
4-22-82			486 hr	TT installed new ELT battery & checked. battery due 2-85
				Gary Johnson
				A & P 1680646 JA
5-20-82				King's Transponder coded K176A checked in accordance with FAR 43 Appendix I May 20, 1982 David Mohr 2318430 Recertified David Mohr
				+XPR intermittent checked TX freq off

G. M. S. 2459

DATE 1981	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.)
10-3	81		295 hr	hourmeter x TT
				AD's listed back of this logbook.
				ELT battery good until 4-82
10-15	81		313 hr	<del>VOR</del>
	VOR CK			I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition Gary J. Johnson <u>Gary J. Johnson</u> A & P 1680646 IA Date <u>10-3-81</u>
	VOR "1" CK			
	AGAINST VOR "2"			
	2° PIFE.			

DATE 1981	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.)
12-1	81		376 hr	hourmeter x TT
				distilled 2 new 600 x 6 6 ply main gear tires,
				upgraded all wheel bearings, installed new brake linings
				with main gear, ELT checked & battery due 4-82
				AD's listed back of this logbook.
				I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition Gary J. Johnson <u>Gary J. Johnson</u> A & P 1680646 IA Date <u>12-1-81</u>

DATE 19 <u>81</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.)
6-12-81			110 hr	hourmeter x TT installed new prop control. signal & checked out
				Gary J. Johnson A & P 1680646 JA
7-2-81			134 hr	hourmeter x TT installed. Dukes elec. pump 1499-00-19 ser #1017 checked OK.
				Gary J. Johnson A & P 1680646 JA

DATE 19 <u>81</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.)
8-7-81			195 hr	hourmeter x TT
				ILT battery good until <u>4-82</u>
				AD in listed back of this logbook, none apply at this time
				I certify that this <u>aircraft</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition
				Gary J. Johnson Gary J. Johnson A & P 1680646 JA Date <u>8-7-81</u>

DATE 1981	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.)
3-31-81			31 hr	hourly + TT
				installed new Doherty elec pump, ser #1016.
				installed Halon 12" fire extinguisher, re wt + bot for wt change. Ekt + Battery due 4-82 h.P.
				Gary D. Johnson A & P 1680646 IA

DATE 1981	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.)
5-19-81			95 hr	hourly + TT
				AD's as req'd at this time.
				Ekt battery in current
				I certify that this <u>aircraft</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition
				Gary D. Johnson <u>Gary D. Johnson</u> A & P 1680646 IA Date <u>5-19-81</u>

DATE 1981	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.)
2-26				installed new radio package in accordance to King radio installation and in accordance to Moorey installation drawings checked and is installed following radios KNS80 SN 8186 KY197 SN KR86 SN 24548 KMA 24 SN 7401 KT76A SN 25766 KX170B SN 71411 - KI-2003 SN 12130 Aerosonic Encoder SN 126711 total current draw less than 80% of Alternator output. computed New weight and Balance  Lance Jau AIP 2016097

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.)
KING				Transponder model KT76A
	25766			checked in accordance
				2-26-81
				Daniel Hohn
				2306481
				6.2.5 3409

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.)
				PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY. <i>Joel A Smith 2106562</i>
<i>11/25</i>			<i>1.3</i>	
				This aircraft has been flight tested in accordance with Mooney Aircraft Form OA 1062M and found satisfactory.
<i>11/26</i>			<i>1.8</i>	<i>Joel A Smith</i> For FAA Fr Worth Reg.

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.)
				I certify that A T C Transponder Tests required by FAR 91.177 have been performed. <i>Mooney Aircraft Corp.</i> T C BA3 By <i>[Signature]</i>
				I certify that the Altimeter and Static System tests required by FAR Parts 91.170 have been per- formed. The altimeter has been tested to <u>24,000</u> feet. <i>11-5-80</i> <i>Mooney Aircraft Corp TC BA3</i> By <i>[Signature]</i> <i>12-9-80</i>
				I have inspected this aircraft and found it complies with the requirement of FAR <del>21.183</del> Certificate of Airworthiness dated <del>12-4-80</del> was issued by me. <i>[Signature]</i> <i>DyIR SW-2091</i>

LOG BIC #2

## AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER MOONEY AIRCRAFT CORPORATION MODEL M20K SERIAL 25-0486REGISTRATION NUMBER N 9522U DATE MFG. 1980

ENGINE(S) CURRENTLY INSTALLED.

MFG CONTINENTAL MODEL ~~TS10-360-GB1~~ SERIAL ~~309508~~MFG 11 MODEL TS10360-GB3B SERIAL ~~309504~~

PROPELLER(S) CURRENTLY INSTALLED.

MFG MCCAULEY MODEL \_\_\_\_\_HUB MODEL 2A34C 216 SERIAL 806289 SERIAL \_\_\_\_\_BLADE MODEL 900HB-16E SERIAL B134200 SERIAL B 134179 SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

The Standard



AIRCRAFT LOG