



The Standard
AIRCRAFT LOG

ASA-SA-2

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
2023				
DATE				
8/18	158.0		3946.6	REMOVED AND REPLACED NOSE GEAR TIRE AND INNER TUBE WITH NEW GL-5067B 06-00755 LEAKGUARD 500X5 TR67 INNER TUBE AND NEW AB304 06-7700 AIR HAWK 500-5 6PLY TIRE AND SERVICED WITH REGULAR AIR TODD SARSHAD 3043400 Todd Sarshad
8/18	158.0		3946.6	REPLACED THE BATTERY WITH A NEW GILL BATTERY P/N 7035-28 SER# G03195138. ENSURED ALL CONNECTIONS WERE SECURE AND FREE OF CORROSION. THE ELECTRICAL SYSTEM WAS CHECKED FOR PROPER OPERATION AFTER INSTALLATION. TODD SARSHAD 3043400 Todd Sarshad

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
	01070 (08-20-2024)			MAKE: MOONEY MODEL: M20F S/N: 68-0071 REG. NO: N3490N
				LASAR, INC. 4439 SW Airport Way Prineville, Oregon 97754
				Page 1 / 2 W/O #: 01070 DATE: 08-20-2024 A/C TT: 3969.8 A/C Tach: 181.2 Landings:
				Entries
				(1) Complied with an Annual inspection IAW LASAR checklist and FAR 43 Appendix D. Complied with Garmin G5 12month ICA requirements IAW Garmin Manual 190-01112-11. No defects noted.... (4) C/W ELT inspection per FAR 91.207(d). No defects noted. Battery expiration Feb 2027.... (5) C/W AD 73-21-01 by lubrication of all flight control and landing gear rod ends. Next due ACTT 4069.8 or next annual.... (6) C/W AD 75-09-08 Inspection of engine mount for cracks. No defects noted. Next due ACTT: 4069.8... (7) C/W AD 85-24-03 para (b) Fuel tank contamination by replacement of O-rings. QTY 2 P/N MS29513-010 and QTY 2 P/N MS29513-338. Next due ACTT: 4069.8 or at next Annual Inspection.... (8) C/W AD 76-07-12 Bendix Ignition switch operational check. No defects noted. Next due ACTT 4069.8... (10) AD 24-14-03 is NA due to no Garmin GFC 500 autopilot installed. No further action required.... (11) Replaced baffle seal material on alternate air door. Ops check good.... (13) Removed and disassembled flap actuator, cleaned and bled flap system. Ops check good.... (15) Stripped and seized hardware removed from belly panels, replaced with new. ... (16) Replaced air inlet filter with New P/N BA6305.... (22) Removed broken drain line from bottom of intake manifold, replaced tubing with new P/N 306-4 and secured to drain port on lower engine cowl. ... (24) Installed serviceable nose gear steering horn P/N-720012-503. S/N-031924002.... (25) Installed Repaired nose gear pivot Truss P/N 540001-503, S/N 091323003. Replaced worn center pivot bushing with new FAA/PMA approved bushing P/N-L025-914007-004AB.... (26) Removed worn nose wheel outboard bearing and race and replaced with new bearing P/N 08125 and new bearing race P/N 08231... (27) Inspected nose truss dent. Determined to be within limits per Mooney service manual Man 106. Cleaned, stripped paint and performed visual and dimensional inspection for cracks, corrosion and damage in reference to LASAR repair procedures LA540004RP. Found to be within limits and in serviceable condition. Recoated truss with Zinc Chromate primer and white epoxy paint. ... (28) Disassembled, cleaned and stripped paint from shock link, spacer and collar. Visual and dimensional inspection for crack, corrosion and damage performed in reference to LASAR drawing LA540015. Found all parts to be within limits and in serviceable condition. Recoated all parts with zinc chromate primer and white epoxy paint. ... (29) Disassembled, cleaned, and stripped paint from nose gear over center retract link. Visual and dimensional inspection for cracks, corrosion and damage performed in reference to LASAR drawing L025-914020-005-AB. Found link to be within limits and in serviceable condition. Repainted unit zinc chromate primer and white epoxy paint. (30) Disassembled, cleaned, and stripped paint from nose gear spindle. Visual inspection for cracks, corrosion and damage performed. No defects noted. Repainted with zinc chromate primer and white epoxy paint. ... (32) Installed new hardware at RH aileron where it connects to control rod. New Bolt P/N AN4-11 New nut P/NAN310-4. Performed rig of aileron control system.... (33) Installed New hardware at LH aileron where it connects to control tube. New bolt P/N AN4-11 and New nut P/N AN310-4. Performed rig of aileron control system.... (34) Removed both aft elevator control rods, Both control rods rejected due to corrosion. Installed 2 serviceable control rods P/N 915007-005. Completed rig of the elevator and pitch trim system.... (35) Replaced rusted hardware in
				CONTINUED ON NEXT PAGE

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DATE

DATE

MAKE: MOONEY
MODEL: M20F
S/N: 680071
REG. NO: 3490N
WORK ORDER: 20640-11-2022

West Air Aircraft Inc.

311 West Jack London Blvd #5
Livermore, CA 94551
Phone: (925)245-0544

DATE 2/17/2023
A/C TSN 3934 B
TACH 146 2

Airframe Entries

Completed Annual inspection per FAR's 43 Appendix D and Mooney checklist.... ELT insp. IAW FAR 91.207(d) & found to be in satisfactory condition, battery exp:02/2027... Removed and replaced all brake linings with new P/N 66-105 and replaced right landing gear brake caliper "O" ring. Installed new brake pressure plates and back plates and safety.... Installed new outer grease seal, both main tire wheels.... Removed right door panel, torque hold down nut and re-installed panel.... Replaced instrument light bulb. Ops checked good.... Replaced central air filter with new.... Removed all FOD from the tail cone.... Removed rust from push/pull stabilizer rod, treated and Zinc chromate.... Removed surface corrosion, lower stringers mid section. Treated and painted the same.... Removed surface rust from retraction tube, painted and inspected for proper installation. Landing gear operation checked good.... Removed upper inboard fuel tank access panel. Removed old sealant, replaced dome nut as required. Applied ChemSeal B2 tank sealant and installed fuel tank access panel. Fuel right hand tank and leak checked good. Re-applied wing walk paint.... Removed Flap manifold. Replaced all seals with "Knots2U" Kit#PPFA2. Reinstalled flap actuator/mainfold. Leak and ops checked good.... Removed both brake master cylinders. Replaced all the seals with "knot2U" PPBMC66 for master cylinder P/N 850012-501. Installed two new A114 valve plunger in both master cylinders. Flushed all braked fluid and service with new hydraulic fluid 5606. Re-installed brake master cylinders and performed pressure and gravity bleeding per instructions in Mooney maintenance manual section 5-15 paragraph 2. No leaks noted.... C/W AD 73-21-01 Rod End Bearings per para (a) & (c), ok Next Due 100HR/12 MOS... C/W AD 75-09-08 Engine Mount by insp. IAW SB M20-192.ok. Next Due 100 HRS. C/W AD2023-02-04 elevator balance weight. N/A due to balance weight P/N 430018-1 NOT INSTALLED. No further action is required

The component(s) and/or discrepancy (ies) identified on this work order were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 2/17/2023

SIGNED

West Air Aircraft Inc.
Abdi Anvari A&P2353681A

Work Order: 20640-11-2022

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Removed OEM Attitude Indicator & Directional Gyro. Replaced with Garmin G5s for certificated A/C IAW STC SA01818WI. Vacuum system left intact for operation of autopilot & retractable entry step. The G5 HSI is interfaced with the existing GPS for navigational purposes along with a Garmin GAD 29B ARINC 429 interface & a Garmin GMU 11 for heading information. Airspeed tapes set to match OEM airspeed indicator. Performed a compass swing for the G5s & the wet compass & amended the aircraft weight & balance/equipment list. Pitot/static, altimeter, encoder & transponder checks per FARs 91.411 & 91.413 were performed with satisfactory results. Provided FAA Form 337, FAA AFMS, Instructions for Continued Airworthiness & Garmin G5 Pilot's Guide. Ops check satisfactory.---END---

The components identified above were installed and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: F. Lemon *F. Lemon* Dated: 04/19/2023 N3490N Mooney M20F S/N 680071

Tach: 2660.01

TTSN: N/A

HOBBS N/A

For more info see w/o 38995

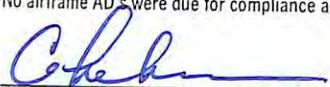
FAA Repair Station Certification # WQ3R954L

145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298
 N3490N Date 8/12/2020
 Mooney Tach 0.00
 Model: M20F Serial: 680071 TT 3788.60

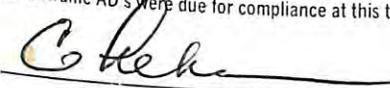
Accomplished the following work:
 Performed the following work at the request of the owner or operator: Removed failed tach and tach cable at tach time 3337.0 hrs. Installed new Electronic International R-1-4, Sn 244991 Electronic tach per STC# SA5924NM and installation instructions OI 0517911 dated 9/24/97, Rev. C. Electric tach reads 0.00 tach time. Aircraft total time is 3788.6 hours.
 No further work, inspection or determination of airworthiness was performed at this time.

Accomplished the following Airworthiness Directives.
 No airframe AD's were due for compliance at this time
 A&P 2491728 IA

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DATE				

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298
 N3490N Date 7/12/2021
 Mooney Tach 68.40
 Model: M20F Serial: 680071 TT 3857.00

Accomplished the following work:
 Performed the following work at the request of the owner or operator: Installed Alpha Aviation Inc, pilot and co-pilot shoulder harnesses per their installation instructions. This is a minor alternation only. Inspected owner installed PAI-700 Vertical Card Compass installation, Sn 97011 and found to be properly installed and compass swing was performed.
 No further work, inspection or determination of airworthiness was performed at this time.

Accomplished the following Airworthiness Directives.
 No airframe AD's were due for compliance at this time
 A&P 2491728 IA

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

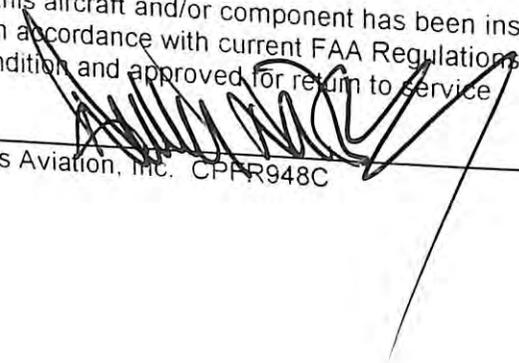
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 6/22/2019 Aircraft: N3490N; Type: M20F; S/N: 680071; Tach: 3318; Total Time: 3318

Shop Order #: 19-17777
Airframe

Replaced right hand brake linning with new P/N-066-10500

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in airworthy condition and approved for return to service


Pacific States Aviation, Inc. CFFR948C

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

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298
 N3490F Date: 7/21/2020
 Mooney Tach: 3327.10
 Model: M20F Serial: 680071 TT: 3778.70

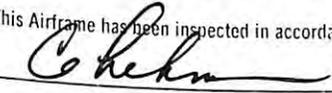
Accomplished the following work:

100 Hr inspection was completed at this time using a manufacturers check list. Checked Flight control systems for proper operation and surface deflections. Cleaned fuel strainer. Inspected wheels, brakes and greased bearings. Inspected landing gear and retraction system. Checked down lock tensions. Installed new brake discs and linings on both main wheels. Inspected fuel caps and replaced fuel cap O-rings in accordance with SB M20-229, due again in 100 hrs. Polished rust for fuel filler ring and treated. Replaced #2 EGT probe. Replaced #3 CHT probe. Replaced tailpipe support hanger. Repaired landing light ground wire. Replaced vacuum hose at regulator. Troubleshoot nav light system and installed new 5 amp circuit breaker switch in panel. Replaced buss bar due to corrosion and crack. Repaired battery box and cleaned corrosion and treated with acid proof paint. Replaced baffle material around front of engine on nose bowl. Engine was removed due to severe oil leak and reinstalled with new LORD mounts and hardware. Engine mount was cleaned, inspected and repainted as needed. New Type D oil and fuel lines were installed. Replaced vacuum relief filter. Installed new ARTEX 345 ELT system. ELT was wired into the #2 RS232 port on GX375 and programmed. ELT Hex. ID 2DC89-E9F42-FBFF. Battery replacement date is Feb. 2027. Complied with FAR 91.207(d) by inspection. AD's researched thru July 20, 2020.

Accomplished the following Airworthiness Directives:

- AD# 73-21-01, Control System Rod End Bearings, eff. 10/10/73 - Complied with by lubrication of control rod end bearing with Silicon spray lubricant. Inspection & lubrication is due every 100 hours or every Annual inspection.
- AD# 75-09-08 Engine Mount Cracks, eff. 4/30/75 -- Inspected mount for cracks per instructions and no defects noted. Reinspect in 100 hours.
- AD# 76-07-12 Bendix Ignition Switch Inspection -- Complied with by functional test of ignition switch for complete shut off. Due again in 12 months or 100 hours

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



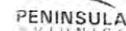
A&P 2491728 IA

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
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DATE



Removed King KT76A Txpdr & TCI Encoder.
 Installed GNX375 GPS/Txpdr, s/n 5GJ000886
 IAW Garmin IM190-02207-A4, Rev 2. Ref STC
 SA02636SE issued 3/22/2019. See FAA 337
 issued this date for details.
 Reg_N3490N Mod# GNX375 s/n_5GJ000886
 Date_6/08/2019 Tach_3316.5 Insp_Art V.
 FAA CRS V9JR020Y W.O. 10811 *Art V.*



Tests and inspections per FAR 91.411 & 91.413
 have been performed to maximum altitude of
 18,000 feet. The system was found to comply
 with the requirements of Part 43 App. E. & F.
 Details are on file at this repair station.
 Reg_N3490N Mod# GNX375 s/n_5GJ000886
 Date_6/08/2019 Tach_3316.5 Insp_Art V.
 FAA CRS V9JR020Y W.O. 10811 *Art V.*

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
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DATE				



Tests and inspections per FAR 91.411 & 91.413 have been performed to maximum altitude of 18,000 feet. The system was found to comply with the requirements of Part 43 App. E. & F. Details are on file at this repair station.
 Reg_N3490N Mod# KT76A s/n_NR
 Date_4/18/2019 Tach_3313.2 Insp_Art V.
 FAA CRS V9JR020Y W.O. 10784 *Art V.*

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date: 4/23/2019; Aircraft: N3490N; Type: M20F; S/N: 680071; Tach: 3314; Total Time: 3314
 Shop Order #: 19-17702
 Airframe
 Removed and replaced left hand main landgin gear tire with new P/N-072-314-0 and inner tube P/N-TU6ACL. Serviced the tire with shop air. Replaced left hand brake linnings with new P/N-066-10500.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in airworthy condition and approved for return to service.

Pacific States Aviation, Inc. CFR948C

YEAR:

MAKE Mooney
MODEL M20F
S/N 680071
REG NO 3490N
WORK ORDER
6947-04-2018



Top Gun Aviation, Inc.

8100 S Lindbergh St
Stockton, CA 95206 USA
Phone 209-983-8062

DATE 7/19/2018
AVL TSN 3739.3
TACH 3287.7

ations
er of
tries.)

DATE

Airframe Entries

(1) Completed Annual Inspection IAW Mooney Maintenance Manual.... (6) CW ELT 12 month check IAW FAR 91.207, check OK.... (7) Replaced vacuum regulator filter... (8) Replaced all fuel cap o-rings.... (9) CW AD 73-21-01 Flight control and landing gear lube.... (10) CW AD 76-07-12 Bendix ignition switch check, check OK.... (13) Replaced terminal on alternator power cable.... (15) Cleaned, inspected and repacked all wheel bearings.... (16) CW AD 75-09-08 Tubular Engine Mount Inspection IAW M20-192, check Ok.... (20) Cleaned rusted area on center lower wing spar splice plates and painted with primer.... (21) Replaced broken zerk fitting at LH main gear aft trunion block, ops checked okay.... (22) Installed placard that reads "Tach reads 60 RPM low".... (24) Replaced loose clamps on prop governor control cable.... (27) Replaced all rocker cover gaskets.... (28) Replaced right side baffle patch that was coming loose.... (31) Installed fastener on left forward baffle at the engine case.... (32) Replaced mixture control rod end.... (33) Replaced induction air boot.... (34) Replaced #3 CHT probe.... (36) Replaced Brackett induction air filter.... (37) Installed spacer on left nose gear door linkage lower rod end.... (38) Replaced nose gear shock discs.... (39) Replaced Johnson bar boot.... (42) Replaced both brake caliper piston seals.... (47) Reattached belly former aft of the left tunnel.... (48) Replaced both outboard aileron control links.... (49) Cleaned rust from fuel filler ports.... (56) Corrected installation of tail tie down ring.... (57) Replaced ELT battery, battery next due Sept 2020.... (64) Repaired # 2 EGT probe wire, ops check OK.... (66) CW AD80-13-03 by installing overhauled Dukes fuel boost pump P/N 1499-00-19, S/N 1806254 from Aeromotors LLC AD no longer applies.... (67) Completed 100hr/Annual inspection.

Checked all AD's thru 18-14 for applicability. I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and is airworthy with respect to the work performed.

DATE: 7/19/2018

SIGNED

Mark T. Fouch, License 560531421 IA

Work Order: 6947-04-2018

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298

N3490N
Mooney
Model: M20F

Serial: 680071

Date 10/17/2018
Tach 3292.50
TT:
Cycles N/A

The following work was performed:

The following work was performed at the request of the owner or operator. Performed stripping and resealing of both fuel tanks. Using chemical strippers and then hand tools, all the previously applied sealants were removed from the fuel tanks. The tanks were then cleaned and flushed with clean water. The tanks were allowed to dry completely for a period of several days. Sealing of the fuel tanks was performed in accordance with Mooney Service Instructions. Mooney Service bulletins M20-230 and M20-229 were complied with as well as AD #85-24-03. The tanks were resealed using CS3204B2 and CS3204A2. Access panels were stripped, inspected and nut plates replaced as needed. Wing walk panel was disassembled, stripped and inspected. It was then reassembled and sealed and installed using CS3204B2. Sealant was top coated with fuel resistant EC776. Access panels were then installed and sealed using CS3330B1/2. New fuel and transmitter gaskets were installed. Outboard transmitters were sent to Keystone Instruments Services for rebuild and installed and tested for proper operation. New drain valve assemblies were installed. New interconnect hoses were installed. Tanks were filled and monitored while full of fuel for a number of days until it was determined that there were no leaks. The fuel tanks are warranted to be free of leaks for a period of 7 years from the above date. Wing walk was repainted and paint was touched up as needed. New Rat Socks were installed on both main gear retraction rods. Power boost door rigging was adjusted for proper closure and operation. No other inspection, work or determination of airworthiness was performed at this time.

The following Airworthiness Directives were complied with at this time:

AD# 85-24-03 Eff. 1/6/86 Complied with by inspection of fuel tanks in accordance with Mooney SB M20-230.

Jeff Newell

A&P 3077073

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

MAKE Mooney
MODEL M20f
S/N 680071
REG. NO N3490N
WORK ORDER
0926-08-2017

Repair Station No. CPFR948C
51 John Glenn Drive
Concord, CA 94520
Phone (925) 685-4400

DATE: 22 August, 2017
A/C: N3490N
Tach: 270.1

Airframe Entries

Removed and replaced starter with customer provided new starter P/N-149NL S/N-H-R060911. Performed operational check.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURER'S MAINTENANCE MANUALS, AND/OR COMPONENT MANUFACTURER'S MAINTENANCE MANUALS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED ABOVE.

DATE: 22 August, 2017

SIGNED:

[Signature]
Ammar Nazir
Certified Repair Station No. CPFR948C

Work Order: 0926-08-2017

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UNITED FLIGHT SERVICES
120 Aviation Way, Watsonville, CA 95076

N3490N

September 26, 2017

Tach Time: 270.1

Installed new alternator conversion kit SAL12-70 in place of existing generator and voltage regulator. Replaced 50A generator circuit breaker with new 70A alternator circuit breaker. This conversion kit is approved for this aircraft make and model per STC SA10682SC. Filed FAA form 337 and updated aircraft weight and balance. Run up and ops check good. Added airplane flight manual supplement to existing AFM.

Terence M. McKenna

[Signature]

A&P 569948254 IA

YEAR:	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of

N3490N

January 1, 2015 Tach Time: 3200.3 Total Time: 3651.9

I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Inspected and tested ELT in accordance with CFR Part 91.207(d) and found to be satisfactory. ELT battery pack expires April 2015. Tested lights and electrical systems. Replaced Ram Air door open light fixture. Checked battery and battery box. Cleaned corrosion residue from torque tube below box and from adjacent structure. Inspected vacuum system and filters. Replaced central vacuum filter and regulator filter. Replaced compass diaphragm and compass fluid. Swung compass. Replaced L/H control wheel shaft due to end cracks and dents. Repaired dent in R/H control wheel shaft. Replaced center lower wing spar splice plate with new part due to exfoliation corrosion. Installed with Hi Lock tension pins and collars. Replaced sheared rivets on copilots I/B seat track. Jacked aircraft and checked brakes and reservoir. Topped off reservoir with MIL-H-5606A. Replaced missing grease fittings on both MLG forward trunnions. Greased all landing gear grease fittings. Replaced NLG wheel bearings. Repacked all wheel bearings. Replaced L/H and R/H MLG shock discs. Replaced R/H MLG door FWD actuator rod. Replaced NLG door actuator rod Heim bearings. Re-rigged landing gear downlock overcenter preloads. Performed several gear retraction cycles.

This entry continued on next page

Terence M. McKenna 

A&P 569948254 IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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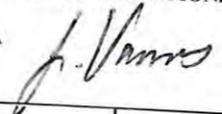
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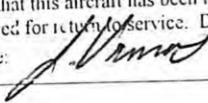
This entry continued from previous page
 January 1, 2015 Tach Time: 3200.3 Total Time: 3651.9

Defueled aircraft. Opened L/H and R/H fuel tanks. Cleared all fuel transfer holes in wing ribs. Replaced 20 each defective dome nuts on access plates. Applied sealant. CS3204B2 to all internal tank areas suspected of leakage. to all replaced dome nuts on access panels and to sealing surface on wing walk access panel. Applied sealant CS3330-B2 to all other removed access panel sealing surfaces. Replaced fuel tank cap o-rings. adjusted cap tensions and tested caps. Checked and cleaned fuel selector strainer screen. Refueled aircraft and checked for leaks. Replaced sheared fastener on upper rudder hinge cover. Installed stainless steel doubler over hole in lower firewall. sealed with high temperature RTV. Lubed all flight control and landing gear rod ends. hinges and bearings with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna 

A&P 569948254 IA

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
	Make: MOONEY Model: M20F Serial #: 680071 TACH: 3151.6 TOTAL: 3603.2		Reg. No.: N3490N Date: 10/1/13 41 AIRPARK RD. PRINCETON NJ 08540 (609) 921-3100	
	Summary of work accomplished			
	PERFORMED AN ANNUAL INSPECTION IAW FAR 43 APPENDIX D. LUBRICATED IAW MANUAL. INSPECTED AND LUBRICATED ALL FLIGHT CONTROLS. CHECKED ALL LIGHTS. INSPECTED LANDING GEAR FOR GENERAL CONDITION. INSPECTED WHEELS AND BRAKES. PERFORMED GEAR RETRACTION TEST AND GREASED GEAR. SERVICED BATTERY AND CLEANED BATTERY BOX. REMOVED AND REPLACED AIR FILTER P/N BA-3605. INSPECTED AND TESTED ELT BATTERY IAW FAR 91.207(d) INSTALLED NEW BATTERY NEXT DUE 1/2015			
	C/W A.D. 73-21-01-ROD END BEARING LUBRICATION-BY LUBRICATING IAW PARA (a). NEXT DUE: 3251.6 TACH OR 09/2014			
	REFERENCE AD REPORT FOR COMPLETE COMPLIANCE.			
	I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.			
	JEFF VAMOS A&P1537654951A 			

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)																																										
DATE																																														
				FAA Repair Station URRCR534K Princeton Air Corp. Princeton Airport Princeton, NJ 08540 <i>N3490N</i> W/O <i>100113</i> Date <i>10-1-13</i> Tot Time <i>3151</i> Tot.Cycles <i>N/A</i> The ATC transponder test and inspection required by FAR Part 91.413 Para (a) have been performed and found to comply with FAR 43 Appendix F. The Altimeter, Pitot, static and Altitude reporting system have been tested and found to be in compliance with FAR 43, Appendices E and F as required by FAR 91.411 <table border="1"> <thead> <tr> <th>Altitude</th> <th>Error</th> <th>Altitude</th> <th>Error</th> <th>Altitude</th> <th>Error</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>0</td> <td>3000</td> <td>+20</td> <td>14000</td> <td>+40</td> </tr> <tr> <td>0</td> <td>+10</td> <td>4000</td> <td>+20</td> <td>16000</td> <td>+50</td> </tr> <tr> <td>500</td> <td>+10</td> <td>6000</td> <td>+10</td> <td>18000</td> <td>+50</td> </tr> <tr> <td>1000</td> <td>+15</td> <td>8000</td> <td>+30</td> <td>20000</td> <td>+50</td> </tr> <tr> <td>1500</td> <td>+10</td> <td>10000</td> <td>+30</td> <td>25000</td> <td>-</td> </tr> <tr> <td>2000</td> <td>+10</td> <td>12000</td> <td>+40</td> <td>30000</td> <td>-</td> </tr> </tbody> </table> Components Tested P/N <i>TRANSponder</i> S/N <i>36410</i> P/N <i>ALTIMETER</i> S/N <i>411885</i> P/N S/N P/N S/N I certify that this aircraft has been inspected in accordance with current FAA regulations and is approved for return to service. Details of work on file at repair station Signature:  Printed Name: <i>JEFF VAMOS</i>	Altitude	Error	Altitude	Error	Altitude	Error	-1000	0	3000	+20	14000	+40	0	+10	4000	+20	16000	+50	500	+10	6000	+10	18000	+50	1000	+15	8000	+30	20000	+50	1500	+10	10000	+30	25000	-	2000	+10	12000	+40	30000	-
Altitude	Error	Altitude	Error	Altitude	Error																																									
-1000	0	3000	+20	14000	+40																																									
0	+10	4000	+20	16000	+50																																									
500	+10	6000	+10	18000	+50																																									
1000	+15	8000	+30	20000	+50																																									
1500	+10	10000	+30	25000	-																																									
2000	+10	12000	+40	30000	-																																									

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DEC 14, 2011				The ATC Transponder has been tested and found to comply with FAR 43, Appendix F, as required by FAR 91.413 & 91.217
				The Altimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, appendices E and F, as required by FAR 91.411
				Princeton Air Corp Signature: <i>J. Vamos</i> CRS# UCRC-534k Date: <u>10/14/11</u> <i>Work 10/14/11</i>
OCTOBER 28, 2011	3123.9 TACH			REMOVED AND REPLACED TACHOMETER WITH SERVICABLE TACHOMETER OLD TACH READING 2090.5 NEW TACH READING 3123.9 <i>J. Vamos A&P153765495</i>
	3575.5 TOTAL			
				ADD 451.6 HRS TO TACH TIME FOR TOTAL TIME SUBTRACT 2595.4 FROM NEW TACH FOR TSMOH

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Make: MOONEY Model: M20F Serial #: 680071 TACH: 3125.2 TOTAL: 3576.8</p> <p style="text-align: center;"> PRINCETON AIRPORT</p> <p style="text-align: right;">Reg. No.: N3490N Date: 11/21/11</p> <p style="text-align: right;">41 AIRPARK RD. PRINCETON NJ 08540 (609) 921-3100</p> <p style="text-align: center;">Summary of work accomplished</p> <p>PERFORMED AN ANNUAL INSPECTION IAW MOONEY M20F MAINTENANCE MANUAL. LUBRICATED IAW MANUAL. INSPECTED AND LUBRICATED ALL FLIGHT CONTROLS. CHECKED ALL LIGHTS. INSPECTED LANDING GEAR FOR GENERAL CONDITION. INSPECTED WHEELS AND BRAKES. PERFORMED GEAR RETRACTION TEST AND GREASED GEAR. SERVICED BATTERY AND CLEANED BATTERY BOX. RELACED AIR FILTER. REMOVED PROPELLER AND REPLACED GENERATOR DRIVE BELT P/N 37B19774-374. INSPECTED AND TESTED ELT BATTERY IAW FAR 91.207(d) NEW BATTERY DUE: 11/2012</p> <p>C/W A.D. 2008-14-07 FUEL INJECTOR LINES-BY INSPECTION IAW MSB 342F. NEXT DUE: 3225 TACH C/W A.D. 76-07-12 BENDIX SWITCHES-BY OPERATIONAL CHECK IAW PARA (1) (a-d). NEXT DUE: 3225 TACH C/W A.D. 75-09-08-ENGINE MOUNT INSPECTION-BY INSPECTION IAW INSTRUCTIONS OF SB M20-192. NEXT DUE 3225 TACH C/W A.D. 73-21-01-ROD END BEARING LUBRICATION-BY LUBRICATING IAW PARA (a). NEXT DUE: 3225 TACH</p> <p>REFERENCE AD REPORT FOR COMPLETE COMPLIANCE.</p> <p>I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>JEFF VAMOS A&P1537654951A <i>J. Vamos</i></p>

YEAR:	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 Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				2-6-08 TT = 2031.7 CIW AD'S 73-21-01, 75-04-05, 76-07-12, 77-17-04, 85-24-03 INSPECT IAW ANNUAL IAWP. REQUIREMENTS AND APPROVED FOR RETURN TO SERVICE. LUBE AIRCRAFT + SERVICE. David Cummo 185485454IA
				3-2-09 TT = 2061.6 CIW AD'S 73-21-01, 75-09-08 76-07-12 77-17-04, 85-24-03 ANNUAL INSPECTION PER MOONEY MAINT. MANUAL, APPROVED FOR RETURN TO SERVICE David Cummo 185485454IA

YE
DA
Make: MOONEY
Model: M20F
Serial #: 680071
TACH: 2070.5 ✓
TOTAL: 3555.5 ✓



Reg. No.: N3490N
Date: 10/20/2010
41 AIRPARK RD.
PRINCETON NJ 08540
(609) 921-3100

ions
of
es.)

Summary of work accomplished

PERFORMED ANNUAL INSPECTION IAW MOONEY M20F MAINTENANCE MANUAL. LUBRICATED IAW MANUAL. INSPECTED ALL FLIGHT CONTROLS. SERVICED BATTERY AND CHECKED LIGHTS. REPACKED WHEEL BEARINGS AND INSPECTED BRAKES. REMOVED AND REPLACED ALL BRAKE LININGS WITH NEW. REMOVED BOTH BRAKE FLEX LINES, MADE UP NEW LINES USING EXISTING FITTINGS, AND INSTALLED. SERVICED BRAKE SYSTEM WITH FLUID AS REQUIRED. REMOVED BOTH OIL COOLER HOSES, MADE UP NEW USING EXISTING FITTINGS AND INSTALLED. REMOVED AND REPLACED ALL LEFT SIDE INSTRUMENT PANEL SHOCK MOUNTS WITH NEW. REMOVED AND REPLACED THROTTLE CABLE ASSY. WITH NEW. REMOVED AND REPLACED BOTH VACUM SYSTEM FILTERS WITH NEW. REMOVED AND REPLACED EXPIRED ELT BATTERY PACK WITH NEW. INSPECTED ELT IAW FAR 91.207(d) NEW BATTERY DUE: 11/2012

C/W A.D. 2009-22-03-PROP HUB FAILURE-BY SENDING PROP FOR OVERHAUL. HUB INSPECTION IS DUE EVERY 100 HRS TIME IN SERVICE. NEXT DUE: 2170.5 TACH

C/W A.D. 2008-14-07-FUEL INJECTOR LINES-BY INSPECTION IAW MSB 342E. NEXT DUE: 2170.5 TACH

C/W A.D. 77-17-04-CONTROL WHEEL SHAFT-BY PERFORMING DYE PEN INSPECTION. NEXT DUE: 2570.5 TACH

C/W A.D. 76-07-12-BENDIX SWITCHES-BY OPERATIONAL CHECK IAW PARA (1) (a,b,c,d). NEXT DUE: 2170.5 TACH

C/W A.D. 75-09-08-ENGINE MOUNT INSPECTION-BY INSPECTION IAW INSTRUCTIONS OF SB M20-192. NEXT DUE: 2170.5 TACH

C/W A.D. 73-21-01-ROD END BEARING LUBRICATION-BY LUBRICATING IAW PARA (a). NEXT DUE: 2170.5 TACH OR 10/20/2011

REFERENCE AD REPORT FOR COMPLETE COMPLIANCE DETAILS.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

MILAN JOVANOVIC A&P31641171A

ADD 1485 HRS TO TACH FOR TOTAL TIME

Aircraft Record General Information

Manufacturer Mooney

Serial 680071

Model M20F

Registration Number N3490N

Date of Manufacture 1968

Engine(s) currently installed:

Manufacturer Lycoming

Model IO-360-A1A

Serial _____

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer _____

Model _____

HUB Model _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

REPLACE ELT BATTERY BY:

JAN

==

~~97~~

AUG

99

AIRCRAFT ~~ENGINE~~ LOG #2

AND MAINTENANCE RECORD

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19						

Date 8/11/00

Work Order 9158 # 3490N

Type AC Mooney M-20F S/N 680071 Total Time _____ Tach/Hobbs 1734.03 Landings _____



Summit Airport
Middletown, DE 19709
SMTR2081 Airframe Class 3
Radio 1, 2, 3

#1 TRANSPONDER P/N 066-1062-00 S/N 36410
 #2 TRANSPONDER P/N N/A S/N N/A
 HAS BEEN TESTED IN ACCORDANCE WITH FAR 43
 APPENDIX F TO COMPLY WITH FAR 91.413.
 DATE TESTED 8/11/00
 TOTAL AIRCRAFT TIME 1734.03
 SIGNATURE John J. De... W.O. # 9158
 CRS SMTR2081/RADIO CLASS 3
 SUMMIT AVIATION, INC. - MIDDLETOWN, DE

TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		
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DATE	REMARKS	
	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
19	<p>009-3-02 TT = 1912.6 REPLACE MUFFLER PIN 630045-503R W/OH UNIT INSTALL OH VAC. PUMP. CK AD'S THROUGH THIS DATE.</p>	
	DATE..... TT..... I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	DATE..... TT..... I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	DAVID P. CANNAVO 185-48-5454 I.A.	DAVID P. CANNAVO 185-48-5454 I.A.

DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19							11-13-01 TT= 1855.4 REMOVE + RE-SEAL BOTH TANKS. RE-INSTALL AND LEAK CHECK. APPROVED FOR RETURN TO SERVICE. David Cannon	155485494	
3/4/02							Replaced both nose gear doors with new, Replaced R.H. MAIN RETRACT TUBE, dressed out burrs in JOHNSON BAR LOCK mechanism, preloads adjusted, RETRACTION performed.		
DAVID MATHIESEN A & P 139641126 L A									
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

Summit Airport
 Middletown, DE 19709
 SMTR208I Airframe Class 3
 Radio 1, 2, 3

Summit SA AVIATION

Date 8/11/00

Work Order 9158 N# 3490N

Type A/C ^{Mooney} M-20F S/N 680071 Total Time _____ Tach/Hobbs 1734.03 Landings _____

Installed new altimeter PN# 5934PS-3-A130 SN# 411885

THIS IS TO CERTIFY THAT THE ALTIMETER, STATIC SYSTEM, AND ALTITUDE REPORTING SYSTEM HAS BEEN TESTED AND INSPECTED AS REQUIRED BY FAR 91.411 AND FAR 43-APP E

PILOT ALTIMETER P/N 5934PS-3-A130 SN 411885
 TEST DATE 2-16-00 ALTITUDE 20,000 FT
 COPILOT ALTIMETER P/N N/A SN N/A
 TEST DATE N/A ALTITUDE N/A
 ENCODER P/N D120-P2-J SN 67103
 SIGNATURE John D. G. J. DATE 8/11/00
 TOTAL AIRCRAFT TIME 1734.03 W.O.# 9158
 CRS SMTR208I AIRFRAME CLASS 3, RADIO 1, 2, 3
 SUMMIT AVIATION, INC. - MIDDLETOWN, DE

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
10-9-88	Tach Time		1591.9	oil + Filter change by owner		
3-1-00	Tach Time		1710.5	oil + Filter change by owner		
4-3-00	Tach Time		1728.2	oil + Filter change by owner		
4-3-00	Tach Time		1728.2	Replace ECT Battery FAR-91.207		
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS	
	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
19		
	DATE 7-7-00 TT 1745	8-3-01 TT = 1826.7
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	CK AD'S THROUGH THIS DATE
	<i>David Cannavo</i>	DATE
	DAVID P. CANNAVO 185-48-5454 IA.	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		<i>David Cannavo</i>
		DAVID P. CANNAVO 185-48-5454 IA.

DATE	TIME ON GROUND		TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
12-10-98	Tach time		1573.1		oil & Filter change By owner	Ames Hill 15-80	
2-1-99	Tach time		1593.3		oil & Filter change By owner	Ames Hill 15-80	
3-16-99	Tach Time			1611.3	oil & Filter change by owner		
4-16-99	Tach time			1634.9	oil Filter change by owner		
6-3-99	Tach Time			1647.3	oil Filter change By owner		
TOTALS					CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS
19__	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER
	6-5-99 TT-1648.3
	CLW AD 7721.01, REPLACE ACCELOR PUSHRODS
	LUBE A/C.
	NOTE.....
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	David Cannavog
	DAVID P. CANNAVOG
	185-48-5454 I.A.

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
5-26-98			1567.56	SMOH 5.06 Inspected airframe in accordance with an annual inspection. Checked push tubes and bellcranks. Lubed as needed. Cycled landing gear - Normal and emergency - Ops ch good. Tested E.L.T. as per F.A.R. 91.207.(d). C/w AD 73-21-91 Rod end lubrication. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Chad E. Dady AIP 3109678865A		
7-20-98			1571.5	Oil & Filter change By owner AeroShell 15-50		
TOTALS						

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

REMARKS
 ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

DATE 19__

Date 7/21/98

Work Order 6905 N# 3490N

Type A/C M20F S/N 1580071 Total Time _____ Tach/Hobbs 1571.8 Landings _____

#1 TRANSPONDER P/N KT-76A S/N 63410
 #2 TRANSPONDER P/N _____ S/N _____
 HAS BEEN TESTED IN ACCORDANCE WITH FAR 43
 (1) INSURE TO COMPLY WITH FAR 91.413.
 7/21/98
 SIGNATURE [Signature] W.O. # 6905
 ORG SMTR2081 RADIO CLASS 3
 SUMMIT AVIATION, INC. - MIDDLETOWN, DE

Summit Airport
 Middletown, DE 19709
 SMTR2081 Airframe Class 3
 Radio 1, 2, 3

VERIFY THAT AD 98-14-03 DOES NOT APPLY TO THIS S/N UNIT.

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19__						
3-11-96				Replaced all side window glass and door glass with standard size Jack R Olds A&P 311485156		
TOTALS						

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

DATE	REMARKS
	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19 97	
8-11-97	TACH: 1562.41 TT. 3047.51 PERFORM 100 HR Insp. IN CONJUNCTION WITH ANNUAL Insp. USING FAR 43 APPENDIX D FOR SCOPE & DETAIL CHANGED ELT BATTERY. DUE AUG. 99, ENG TESTED ELT CHECKED O.K. CHECKED MUFFLER, JACKED UP PLANE AND CYCLED LANDING GEAR. <i>Harry Michael A&P</i> 574267913
8-11-97	Tach: 1562.41 - Aircraft ground run checked all systems found OK TT-304710 "I certify that this Airframe has been inspected I/A/w an annual inspection and was determined to be in an Airworthy Condition" <i>Jack R Olds 311485156 FA.</i>

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 95						
1-17-95	Tach: 1560.92 Total Time 3045.92			Performed annual inspection using FAA 43 App. D for scope and detail. Installed new ELT Battery due Jan 97 and tested found OK. C/W AD 73-21-01 - lubrication of flight controls C/W AD 85-24-03 - fuel filler caps Performed gear retraction, replaced all tires and tubes. → Transponder & state system ch. due 9/1.172, 9/1.171 "I certify that this airplane has been inspected I/A/w an annual inspection and was determined to be in an Airworthy condition Jack L Oede and was determined to be in an Airworthy condition Jack L Oede		
TOTALS						

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE
JA 311485156

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.					
19 96						
2-26-96	Tach: 1561.04 TT - 3046.14			Performed annual inspection using FAA 43 Appendix D for scope and detail performed operational ck of ELT found airworthy. Inspected rudder, jacked airplane and cycled gear. C/W AD 73-21-01 - lubrication of flight controls. C/W AD 85-24-03 - fuel filler caps. Transponder & state system due 9/1.172, 9/1.171 "I certify that this airplane has been inspected I/A/w an annual inspection and was determined to be in an Airworthy Condition" Jack L Oede JA 311485156		

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>91</u>						
5-4	1553.38			Inspected all systems and structure, Retraction performed. Aircraft lubricated as required. Inspected engine mount Per AD 75-9-8. Checked Bendix ignition switch Per AD 76-7-12. Control wheel inspected per AD 77-17-4.		
				<div style="border: 1px solid black; padding: 5px;"> <p>I Certify That This Aircraft Has Been Inspected in Accordance With an ANNUAL INSPECTION and was Determined to be Airworthy, and is Approved for Return to Service <u>1553.38</u> Hours</p> <p>STUART H. SPINDEL A&P 1624489 IA</p> <p><i>Stuart Spindel</i></p> </div>		
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS	
	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
19 <u>93</u>		
3-1-93	Tach: 1560.74 TT- 3045.74	Performed Annual inspection using FAR 43 Appendix A for scope & detail. Inspected muffler - OK. Installed new ELT battery due - Dec 94. Performed operational check - OK. C/w AD 73-21-01 (lubricate flight control systems) C/w AD 85-24-03 (fuel filler caps) by inspection. C/w AD 76-07-12 (Bendix switches) Performed gear retraction. Installed new battery. C/w AD 75-09-08 (engine mount) by inspection. Replaced landing light. Repaired rotating beacon Jock R Olds 311485156A & B.
3-1-93	Tach 1560.80 TT 3045.80	Transponder 91.172 & static systems 91.171 are due. "I certify that this airframe has been inspected F/A/W an annual inspection & was determined to be in an Airworthy Condition" Jock R Olds 311485156 FA

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 90						
4-11	AC Hobbs	1517	2 hr	1/2 Annual & 100 hr Inspection per Mooney		
				Inspection Form. Repacked all wheel bearings, installed all new brake pads, lubed gear, and checked gear retraction per Mooney Service Manual. Serviced battery, brakes, and electrical system. Balanced N/G wheel, reseated both fuel tanks with FRC, and replaced ELT Battery.		
				1/2 AD 13-21-01 Flight Controls & Landing gear Insp by Insp. Check		
				1/2 AD 75-09-08 Cracked engine mount Insp by Insp. CK'D OK		
				1/2 AD 76-07-12 Bendix Mag Switch Ops Check CK'D OK		
				1/2 AD 77-17-04 Control wheel shaft Insp by Insp. CK'D OK		
				1/2 AD 85-24-03 Part 6 Fuel Cap Insp. by Insp. CK'D OK		

Start ofponder
 Check Due 5-92
 ELT Battery Due 12-91

The aircraft and/or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at the Agency under Work Order No. 4550 Date 4-11-90
 Signed _____ for
 Muncie Aviation Co. Certified Repair Station #201
 Muncie Airport Muncie, Indiana 47306

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

DATE	REMARKS
19 90	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
5-23-90	Removed TR Marson 602 Loran C navigation system. Installed Foster LRN 500 Loran C system, King KX155 nav/com RT and KIZ08 CDI. See FAA Form 337 this date. Aircraft weight and balance revised.

MAINTENANCE RELEASE
 The appliance identified on this form was repaired and inspected in accordance with current regulations of the Federal Aviation Adm. and is approved for return to service. Pertinent details of the repair are on file at this repair station under W.O.# 90-808
 Date 5-23-90 Signature Gordon L. Terry
 For Ron Collins Aviation Electronics FAA Repair Station #283
 6105 Flightline Dr. Evansville, Indiana 47711

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>12/20/88</u>				Installed this date, Transcal D120-P2-V (50 Speed) encoder in accordance with AC 43.12-2A, Chapter 1, page 2, and chapter 2, page 5, paragraph 21, 22, and 23. The Altitude Reporting System was fully checked in accordance with Appendix 1 of AC 43.6A per FAR 91.171 and 91.172. Weight and balance change was negligible.		
				MUNCIE AVIATION CO. GOVERNMENT APPROVED REPAIR STATION NO. 201 INSPECTOR <u>Wale R. Hedy</u> WO NO. <u>A-4823</u>		
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS - ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - ACCIDENTS - REPAIRS - ALTERATIONS - SERVICING - AND OVERHAULS - AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.					
19 <u>2/8/89</u>	<u>C/w Annual Insp. per Mooney Insp. Form. Repacked all wheel bearings, lubed gear, installed all new brake pads, installed all new brake cyl. o-rings & seals, installed new bearings on aileron center control link, installed new left aileron & rudder rod-end bearings, cleaned & lubed elevator trim bungees, installed new elevator down springs, installed new left wheel brake cyl. Serviced battery, brakes & electrical systems.</u>					
<i>Resealed both Fuel Tanks</i>	<i>AC Hobbs 1473.7th</i>	<i>Installed new Pt. of Fuel</i>	<i>Sec'd Insp. Unit</i>	I certify that this Aircraft has been inspected in accordance with a <u>Annual & 100hr</u> inspection and was determined to be in Airworthy condition. Repair Station No. <u>201</u> MAKE <u>Mooney</u> SER. NO. <u>680071</u> MODEL <u>MA2ET</u> REG. MARK <u>N 3790A</u> The aircraft and/or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at the Agency under Work Order No. <u>83250</u> Date <u>2-8-89</u> Signed <u>Wale R. Hedy</u> for <u>Mooney Insp.</u> Muncie Aviation Co. Certified Repair Station #201 Muncie, Indiana 47308		
	<u>C/w AD 73-21-01 Flight Control & landing gear Insp. checked</u>					
	<u>C/w AD 75-09-08. Cracked eng mount - No cracks detected</u>					
	<u>C/w AD 76-07-12 Bendix Mag Switch Ops check, checked</u>					
	<u>C/w AD 77-17-04 Control wheel shaft - No cracks detected / C/w AD 75-24-03 Part b Fuel Cap - Installed</u>					

DATE

REMARKS

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19

10/16/87 Removed this date. Nares
mk-12A. Installed this date
Apollo 602 Nares in space
provided by the manufacturer
See FAA 337 this date added
to shops paper

MUNCIE AVIATION CO

GOVERNMENT

APPROVED REPAIR STATION

No. 201

MECHANIC

A & E NO.

23517058

8-2013

New Moment ~~115~~ 77477.08
New Dlight 1715.74
New C.G. 45.16

Phase Note: Prop Overhauled and AD 77-12-06

See Prop log book

Compliance done on 3-29-88 by Aircraft Specialists, Louisville, Ky.

DATE

19

ENTER HERE GENERAL DATA
SERVICING - AND OVERH
USE OF THIS LOG BOOK
ALL DATA MUST BEAR
MUST BE SHOWN.

REPLACE ELT BATTERY BY:

FEB 28 1989

"IC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-
BOOK UNDER THE HEADING "INSTRUCTIONS FOR
MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER

4-13-87 T.T. 1422.76 hrs Yw with recurring ads
73-21-01 77-17-047 75-09-08, 76-07-12 Installed
new ELT Battery Feb 28, 1989 Installed O-rings
and flap actuator no leaks found. I certify that
this airplane has been inspected, F/A/W and
Annual Inspection and was determined to be in
airworthy condition.

M.A. Wyatt SR 204362654EA

MUNCIE AVIATION CO.

GOVERNMENT

APPROVED REPAIR STATION

NO. 201

4 JAN 88 TACH 1425

INSTALLED NEW R-35
AIRCRAFT BATTERY

MECHANIC

Dele J. Fuchs

A & E No.

dwp. W.O. # 1428

DATE	TIME ON GROUND		TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19							
					AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.		
					I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION IS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAIL OF THIS INSPECTION ARE ON FILE AT THIS FACILITY UNDER REPAIR ORDER # <u>7937</u>		
					TOTAL TIME <u>2.784</u> <u>h</u> <u>13.00</u> <u>m</u>		
					SIGNED <u>Richard M. Matthews</u> DATE <u>9/24/84</u>		
					WEISS AERO SERVICE/CRS. #362-39		
TOTALS					CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

Installed new vacuum pump 211cc Ser 8K-5660 + new fuel boost pump 1499-00-19 by Lub. Ch. A.D 73-21-01 + 75-09-08 + 77-14-04 By imp.

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19 <u>85</u>	
3/28	A/C CHANGE By owner XC 747 1375.95
	Sealed Both Fuel tanks, fwd spar. Installed Fuel tank drains
	TOTAL HOUR <u>1400</u> TT <u>2884</u>
	THIS <u>A/C</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION, IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE DETAILS OF WORK ACCOMPLISHED ON FILE AT THIS STATION UNDER WORK ORDER NO. <u>5075</u> DATE <u>9-6-85</u>
	INSPECTOR <u>Joseph J. Gienke</u> KENTUCKY FLYING SERVICE, INC. BOWMAN FIELD, LOUISVILLE, KENTUCKY F.A.A. APPROVED REPAIR STATION # 1526

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19				Tach 1092.		
<p>REPLACE ELT BATTERY BY: DEC 28 1983</p>				TOTAL HOUR 2577		
<p>THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH current INSPECTION, IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF WORK ACCOMPLISHED ON FILE AT THIS STATION UNDER WORK ORDER NO. 2488 DATE 12/25/83</p>				INSPECTOR <i>[Signature]</i>		
<p>KENTUCKY FLYING SERVICE, INC. BOWMAN FIELD, LOUISVILLE, KENTUCKY FAA APPROVED REPAIR STATION # 1526</p>						
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS
19	
Tach 1092	installed O/H Propeller Hartzell
IT 2577	model HC-224K-13F BLADES F25862
	F28314 Hu B. Ch 4082. O/H By Aircraft SPECIAL
	OF LOUISVILLE, KY 40222. wo 711 see maintenance
	release tag. AD 77-12-06-CW AT THIS TIME.
	installed O/H manifold - Fuel Press gauge
	O/H By Astro-Insulated In. of Detroit,

DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19								
TT 2404						R & R Rotoloy Bearings BlOB. installul new Bellows on step. replaced Rt main Brake housing installed new Brake Lennings installul new Bearings on nose wheel, installul new Brake transmission hose on land gear, installul new down lock links and Bushings replaced nose leg. # 540004-501 replaced exhaust pipe 630056501 - 2nd link 510077-001 overhaul Generator at at this time		
TOTALS						CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

REMARKS

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DATE 19

TOTAL HOUR 2407 TAC 915

THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION, IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE DETAILS OF WORK ACCOMPLISHED ON FILE AT THIS STATION UNDER WORK ORDER NO. 1691 DATE 8-4-81

INSPECTOR Michael W. [Signature]
 KENTUCKY FLYING SERVICE, INC.
 BOWMAN FIELD, LOUISVILLE, KENTUCKY
 F.A.A. APPROVED REPAIR STATION # 1526

DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19__								
						This <u>A/C</u> has been inspected in accordance with <u>annual</u> inspection details of work accomplished on file at this station under work order No. <u>3387</u>	TAC 308	
						Date <u>1-30-76</u> Inspector <u>Jim Davis</u> Cardinal Aviation Bowman Field Louisville, Ky. 40205 FAA Approved Repair Station #4271		
						<u>Jim Davis</u> Inspector <u>1-30-74</u> Date		
						See Annual in old book 4/8/77		
TOTALS								

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

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6/13/77	Complied With AID # 77108/06, N/A Due To SN OF Oil Cooler C.S. Harmon AP# 906780326
8/25/77	TAC 460.9 A.D. 77-17-04 CW By inspecting with dye penetrant and visual inspection, no crack found at this time inspection by in 500hr. Emergency overhaul directly date Aug 2, 1977. CAD 77-08-06 - CW Cardinal Aviation Bowman Field Louisville, Ky. 40205 FAA Approved Repair Station #4271 <u>Michael D.</u> Inspector <u>8-25-77</u> Date

3490N

~~ENGINE LOG~~
AND MAINTENANCE RECORD
Type AP-13

Record of Mooney M20R 680071
 Make Model Serial

From Feb '75 19 Present To 19

Detailing Time From _____ To _____
 Hours—Minutes Hours—Minutes

REPLACE ELT BATTERY BY:

AUG 28 1986

AIRCRAFT LOG

MOONEY AIRCRAFT, INC.

MEMORANDUM

DATE

4-4-77 TAC 423.7 TOTAL TIME 1908.7 new brake
linings both wheels, packed wheel bearings, lubricated
aircraft. checked Retraction, Repaired flap indicator
cable. Re-staked bottom fuel plate left wing
and top plate Right wing. Removed all inspection
plates and checked all cables, pulleys, lines and
wiring. I certify this A/C has been inspected in
accordance with and annual inspection and
was determined to be in airworthy condition.
Jim Davis 14006547A

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
6 Feb 75		Installed			
		new			
		altitude			
		repeater			
		in place			
		of photo			
		altitude			
		for detail			
		see wo. #			
		2152E			
		then date			
		& supplement			
		weight & bal			
		date sheet			
		New empty wt			
		1738.35			
		New empty CG			
		45.54			
		New useful			
		1001.65			

A. C. STUEBLING, JR.
 RADIO REPAIRMAN 1831646
 RADIO REPAIR STATION #4271
 CARDINAL AVIATION, INC.
 BOWMAN FIELD
 LOUISVILLE, KY. 40205

A.C. Stuebling

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
		This <u>9/12</u>			
		has been inspected in			
		accordance with <u>annual</u>			
		inspection details of work accomplished			
		on file at this station under work order			
		No. <u>3128</u>			
		Date <u>3-19-75</u>			
		Inspector <u>Jim Davis</u>			
		Cardinal Aviation			
		Bowman Field Louisville, Ky. 40205			
		FAA Approved Repair Station #4271			
		<u>Jim Davis</u> Inspector			
		<u>3-19-75</u> Date			

TAC 133

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
								This aircraft has been inspected in accordance with <u>annual</u> inspection details of work accomplished on file at this station under work order No. <u>2936</u>	TAC 1483	
								Date <u>6-6-74</u> Inspector <u>Jim Davis</u> Cardinal Aviation Bowman Field Louisville, Ky. 40205 FAA Approved Repair Station #4271		
								Date <u>6-6-74</u> Inspector <u>Jim Davis</u>		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	Installed new 10" temp transducer. old temp reading 1485 Cardinal Aviation Bowman Field Louisville, Ky. 40205 FAA Approved Repair Station #4271 <u>Jim Davis</u> Inspector <u>6-14-74</u> Date
	Installed new voltage regulator and exchange generator This _____ has been inspected in TAC 77 HRS, accordance with _____ inspection details of work accomplished on file at this station under work order No. _____ Date <u>1-16-75</u> Inspector <u>Jim Davis</u>

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1-8-74

Tech Time, 1397 hrs.

Installed Reser. ELI-18 SN 39143. see W-13

data form dated 1-8-74

Cardinal location

Radio Repairman

Repair Station 4291

A. C. Stalling 1831646

New empty W.C. 1737.5 lbs.

Useful Load.

1002.5 lb.

New C.G.

45.55

Moment

79156.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Date 2/22/72 Category Normal Empty Weight (lbs.) 1734Empty Center of Gravity 45.41 Useful Load (lbs.) 1006See 337 or flight manual for loading schedule or complete weight and balance. Moment ~~78750~~ 78750Signed: Victor M. Pincemul AvP 1585191

ExT. Power kit.

Install wing tip strobe this date ICT78 Transponder
see 337 this date

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
								VERIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED		
								IN ACCORDANCE WITH A <u>Annual</u> INSPEC-		
								TION AND HAS BEEN FOUND AIRWORTHY.		
								TIME IN SERVICE <u>1202.1 Hrs</u> DATE OF		
								INSPECTION <u>12/22/42</u>		
								SIGNATURE <u>Victor M. [Signature]</u>		
								ERT # <u>A+P 1585191 I A.</u>		
								AID Note checked for compliance		
								through Card 72-24 See back		
								of log. Engine SMOH		
								at this inspection +		
								Tach Time.		
TOTALS FORWARD										
TOTALS TO DATE										

Tach Time.

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
12/22/42	Tach Time 1202.1 Hrs.
	Annual Inspection completed this date. Lube per chart
	Retraction checks. Replace all tires + main wheel tubes
	Replace brake disc. Replace rotating beacon bulbs + glass
	Replace step retract boot. Clean + repaint battery box
	Charged battery. Sealed lower plate in both fuel tanks.
	Replace central gyro filter. Replace map light switch.
	Replace engine air filter. Cal. Rate of Climb. Reseal
	flap cyls. Cleaned + repainted rusty springs in tail
	Replace worn bolts on nose steering + preformed
	other routine maintenance + inspection as required.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

S/M M20-175 C/W 12/5/72

12/14/72 - Engine mount reinforced as per Mooney
S/B M20-175. Installed kit no. M20-175-1 installed
by Heli-Arc welding. See 337 form this date.

Jack N. Doty
D.A. 1345116

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Date 3/22/22 time 1116

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

HAWTHORNE AVIATION

George L. Carter
17528 2024

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

8-14-71 TACH 1017

WATER IN BATTERY. NEW BRAKE LININGS BOTH SIDES.
 REPACK WHEEL BRGS. LUB AIRPLANE. RUN GEAR
 RETRACTION. ADD HYD OIL TO RESERVOIR.

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

Date 8-14-71 Mechanic's Signature Wm Doeppe

Certificate No. A-1135687 Total Hours 1017

AUTHORIZED INSPECTOR
 A. & E. 1135687
 WILLIAM O. DOEPPE

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AERO INDUSTRIES - BYRD AIRPORT
RICHMOND, VA. CRS 4260

Aircraft identified herein was
inspected in accordance with
..... Annual inspection
and found to be airworthy for
return to service. Pertinent
details of inspection on file
at this agency under work order
no. 4216 A/C Time 20628.....

Date 1/29/70

Signed W. E. Gray Supt Maint
Inspector

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

11/25/71 This aircraft inspected and determined
to be Airworthy for Ferry from Berkeley
Plantation to Richmond Byrd Field
W. Kunt
Supt. Maint Aero. Industries
CRS 4260

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

8-14-70 Inspected aircraft pulled wheels repacked all wheel bearings. Serviced battery & Brakes.

Inspection completed per Snooney Service manual.

AD Notes checked thru 70-05. All found complied with.

Aircraft test flown & released for flight.

I certify that this (aircraft) (engine) has been inspected in accordance with

A100-hr inspection and was determined to be in airworthy condition.

Date 8-14-70

Total time 800:00

Glen W Butler A.I. 1330135

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

10-10

Replace ABITMETER TACH
TIME — 580 hrs
Sabatay Callari
AIP 1177536
for Teterlow RP Service

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

6-69 Aircraft inspected, installed new "O" rings left Master cylinder, Repacked all wheels, greased aircraft fitting, new brushes & Bendix drive installed in starter. New oil temp bulb installed, serviced brakes. Charged battery. Moved fuel line & installed chaffing mat. bottom of fuselage under pilots side. Clean & tighten ADF loop wire. Lube step plate & ck alignment. Clean fuselage fuel filter. A.H. A.P. Notes THRU 69-11 Ck'd OK. Aircraft test flown & released.

I certify that this (aircraft) (engine) has been inspected in accordance with

A 100 Hour inspection and was determined to be in airworthy condition.

Date JUNE 22, 1969

Total time 500 15

Glen W Butler A#P1330135 A.I.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Awh AD. Notes THRU. 68-26-1 CR'd found C/W.

I certify that (aircraft)(engine) has been inspected in accordance with
 (~~100%~~) ANNUAL inspection and was determined to be in airworthy
 condition. Date 1-9-69 Total time 400:0

ACFT RAN-UP CR'd OK.

Glen W Butler A&P 1330135 A.I.

ACFT Released FOR TEST FLT.

Flight Test Okay M5 Thr Fuel:

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

CLEANED & REPAINTED RUDDER STOP BRACKETS
 CLEANED STORAGE FROM FUEL QUICK DRAIN
 GREASED LANDING GEAR & REPACKED WHEEL
 BEARINGS

I certify that this aircraft has been inspected
 in accordance with a 100 H.R.
 inspection and was determined to be in airworthy
 condition.

Date: 1-9-69 Mechanic's Signature [Signature]

Certificate No. 129643012 Total Hours 402.30

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS RE-
QUIRED BY FAR PART 91.17D HAVE BEEN PERFORMED. THE AL-
TIMETER HAS BEEN TESTED TO 16,000 FEET.

DATE 9-27-68SIGNED [Signature]

PIEDMONT AVIATION, INC.
WINSTON-SALEM, N. C.
APPROVED REPAIR STATION

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Sept 13, 1968 At 310:00 HRS. Total
time I certify that this
aircraft has been inspected in
accordance with § 100 HR insp
& was determined to be in
'an airworthy condition.
Charles R. Hatt
AIP 1475183.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

6/21/68 at 199:00 HRS.T.T.

I certify that this aircraft
has been inspected in accordance
with a 400 hr inspection &
was determined to be in
an airworthy condition.

Charles K. Hatle
AEP 1475185.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

5-10-68 Replace Gyro Horizon S/N 01398L 66
TACH 151.57 K. L. Atkinson AEP 1358424

6-1-68 At 174.39 Installed
fire ext. Charles L. Hatlo
AEP 1475186.
1

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

A/cft cleaned, ck'd and minor maint
completed. AD Notes THRU 67-33 ck'd OK

ACFT RUN-UP CK'd OK

I certify that this (aircraft) (~~engine~~) has been inspected in accordance with
(100hr) (~~engine~~) inspection and was determined to be in airworthy
condition.

Date 4-11-68

Total time 104 : 0

Glenn W. Butler A&P 1330135

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

3-11-68 INSTALL NARCO MARK 12A & VOAS IND.
 1/A/w Mooney Dwg. 810155-515. ADF KETT
 POLARIS 1/A/w Mooney Dwg. 810188-501.
 System Audio Control 1/A/w Mooney Dwg.
 920009-505. NARCO MBT-12 1/A/w Mooney
 Dwg. 810158-501. K.L. Colkinson
 See 337 this date. APP 1358424

Empty weight	172.5
Empty weight C.G.	45.2
Moment	78.02/1000
Useful load	101.5

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE
67

11-7

I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter has been tested to 20,000 feet. 8-8-67

Mooney Aircraft, Inc.
DOA SW-1

by: [Signature]

AIRCRAFT DESCRIPTION

Manufacturer MOONEY Place _____ Date 11-1-67

License No. N-3490N Type M20F Serial No. 680071

Description _____

Reconstructed By _____ Place _____ Date _____

Seating Capacity (Crew Included) _____ Weight Empty _____ Weight Loaded _____

Wing Area _____ Sq. Ft. Control Area _____ Sq. Ft. Span _____ Length _____

Tires Main _____ Tire Tail _____ Brakes _____

Owner _____ Address _____

City _____ State _____

EQUIPMENT DESCRIPTION

Propeller _____ Hub Design _____ Hub Serial No. _____

Blade Design _____ Blade Serial No. _____ Blade Serial No. _____

Pitch _____ Width _____ Diameter _____

Engine LYCOMING Model IO-360 Serial No. L-4188-51A

Rated H. P. _____ Bore _____ Stroke _____

Receiver _____ Model _____ Serial No. _____

Transmitter _____ Model _____ Serial No. _____ Output _____

Generator _____ Model _____ Serial No. _____ Amp. _____ Volt _____

Starter _____ Model _____ Serial No. _____ Volts _____

Power Unit _____ Model _____ Serial No. _____ Volts _____