N1083L LOG#2

The Standard

AIRCRAFT LOG

ASA-SA-2

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

N1083L Hobbs 2882.9 02-05-2022

- Installed Vacuum Pump PN# RAP215CC, SN# A73975.

Michael B. Priolo
A&P 3987560
Big Sky Aviation, Millville NJ

MAKE: Mooney
MODEL: M20J
S/N: 24-3393
REG. NO: 1083L
WORK ORDER: 9766-03-2022

Premier Aircraft Service

Premier Aircraft Service,. Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 5/20/2022
A/C TSN: 2887.4
HOBBS: 2887.4

Avionics Entries

(18) PERFORMED 406 ELT OPS CHECK IAW FAR 91.207-D ON ME406 ELT P/N: 453-6603 REV E S/N: 197-09900. BATTERY EXP DATE: MAY/2025 HEX ID: ADCC409AB000315. OPS CHECKED GOOD.
(47) I CERTIFY THAT ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAS BEEN COMPLETED. ALTIMETER HAS BEEN TESTED TO 20000FT. MAIN ALTIMETER: M/N UNITED 5934PA-3A-161 S/N 401391
I CERTIFY THAT THE TRANSPONDER M/N GTX345 #1 P/N 011-03302-00 S/N 3EG001269 GTX33ES #2 P/N: 011-00455-60 S/N 84123053 TEST PER FAR 91.413 HAS BEEN COMPLETED. INSPECTION REPORTS ON FILE UNDER THIS W/O.

DATE: 5/20/2022 SIGNED:
JUAN VALENCIA
CRS 9PRR402B

Work Order: 9766-03-2022
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DATE	TOTAL TIME IN SERVICE	MAKE: Mooney MODEL: M20J S/N: 24-3393 REG. NO: 1083L WORK ORDER: 9766-03-2022	Premier Aircraft Service	Premier Aircraft Service,. Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	DATE: 5/20/2022 A/C TSN: 2887.4 HOBBS: 2887.4	Agency
19_____						

Airframe Entries

(4) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING M20J MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 5/2025. ADs CHECKED THROUGH CURRENT ON ATP.
(13) C/W AD 76-07-12R1 IGNITION SWITCH OPS CHECK. NO DEFECTS NOTED AT THIS TIME.
(14) C/W ICA POWERFLOW EXHAUST INSP. NO DEFECTS FOUND AT THIS TIME.
(15) C/W ICA GARMIN GTN750/650 INSP IAW GTN6XX/7XX INSTALLATION MANUAL #190-01007-A3 REV.15 SECTION 5.9.2. GROUND OPERATIONAL CHECKED GOOD.
(16) C/W ICA PRECISE SPEEDBRAKES ANNUAL INSP IAW DOC 8059B.
(17) C/W ICA PULSE LIGHT INSP. OPS CHECKED GOOD.
(19) C/W 1 YR MAIN BATTERY CAP TEST. REMOVED BATTERY PN R24-11M SN 40849688 FOR CAP TEST. FAILED AT 73.7%. REPLACED BATTERY WITH NEW PN R24-11M SN 41225979 IAW M20J MM CH 24-32.
(23) REPLACED SEVERAL CAMLOC FASTENER RECEPTACLES AND LOCK RINGS FROM BOTTOM COWLING. REPAIRED WORN CAMLOC HOLES WITH ALUMINUM PLATES AND FIBERGLASS EPOXY RESIN. ALL WORK PERFORMED IAW M20J MM CH 51-15-03.
(25) REPLACED LH TIRE WITH NEW PN: 606C66-8 SN: 13480219 IAW M20J MM CHAP 32-40-00.
(27) REPLACED POWERFLOW EXHAUST HEAT SHROUD AIR INLET DUCT WITH NEW SCAT8 AS REQUIRED.
(28) REPLACED PILOT INBD AND OTBD SEAT RAILS WITH NEW P/N 340156-067 & 340156-069 IAW AC43.13-1B CH 4.
(29) INSTALLED FUEL CAP LANYARDS WITH NEW P/N MS27380-1 IAW M20J MM CH 28-00.
(31) REPLACED RH TRANSPONDER ANTENNA WITH NEW P/N AV74 IAW RAMI INSTALLATION INSTRUCTIONS.
(32) REPLACED MAIN CABIN DOOR SEAL WITH NEW P/N 912018-001.
(34) REPLACED RH AILERON CONTROL ACTUATING TUBE ROD-END WITH NEW P/N MM-4M-13 IAW M20J MM CH 27-10.
(35) REPLACED RH WING AFT NAV LIGHT WITH NEW P/N A508-28. OPS CHECKED GOOD.

(36) REPLACED PARKING BRAKE VALVE WITH NEW P/N 60-14. BLED BRAKES AND SERVICED WITH MIL-H-5606 HYDRAULIC FLUID.
(37) REPLACED NLG UPPER LEG ASSY WITH NEW PN 940042-503 IAW M20J MM CH 32-20.
(38) REPLACED ALL LNG SHOCK DISCS WITH NEW PN J-11968-14 IAW M20J MM CH 32-81.
(40) REPLACED LH & RH BRAKE CALIPER HOSES WITH NEW P/N AE3660000B0380. BLED AND SERVICED BRAKES WITH MIL-H-5606. ALL WORK PERFORMED IAW M20J MM CH 12-20-05.
(44) REPLACED CYL #2 EGT PROBE WITH NEW P/N M-111 IAW M20J MM CH 78-30. OPS CHECKED GOOD.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 5/20/2022 SIGNED: Work Order: 9766-03-2022

EMMANUEL VICIOSO
CRS 9PRI402B

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N1083L LOG#3

The Standard

AIRCRAFT LOG

ASA-SA-2

Mooney M20J N1083L
S/N: 24-3393 YR: 1996

ENG: Lycoming M/N: IO-360-A3B6 S/N: RL-23316-51A

PROP: McCauley M/N: B3D36C424-D S/N: 051700

YEAR 20 ____ DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

MAKE Mooney
MODEL M20J
S/N
REG NO 1083L
WORK ORDER
8022-11-2022

MOONEY

Top Gun Aviation, Inc.
6100 S Lindbergh St
Stockton, CA 95206 USA
Phone 209-983-8082

DATE 11/21/2022
A/C TSN
TACH 2933

Airframe Entries

(1) Installed new aft rudder bellcrank. Check OK.... (3) Adjusted cabin door latch pin position and adjusted door latch rod. Lubed lower door latch assembly. Ops check OK.

I certify that this AIRCRAFT is airworthy with respect to the work performed

DATE: 11/21/2022 SIGNED:

Mark T. Rouch, License 566531421 IA

Work Order: 8022-11-2022

Printed by EBis 3 (datcomedia.com)

YEAR 20	TOTAL TIME IN	**Current Weight and Balance Information**
DATE		

MAKE: Mooney
MODEL: M20J
S/N: 24-3393
REG. NO: 1083L
WORK ORDER: 8069-03-2023

MOONEY

Top Gun Aviation, Inc.
6100 S. Lindbergh St
Stockton, CA 95206 USA
Phone: 209-983-8082

DATE: 7/6/2023
A/C TSN: 2938.7
TACH: 2938.7

Airframe Entries

(1) Completed Annual Inspection IAW Mooney Maintenance Manual.... (5) CW ELT 12 month check IAW FAR 91.207 [d][1][2][3][4], check OK. Battery due May 2025.... (6) Replaced vacuum regulator filter... (7) Replaced all fuel cap o-rings.... (8) C/W AD 76-07-12 ignition switch, ops ck OK... (9) Removed Lycoming IO-360-A3B6 engine s/n RL-23316-51A and installed factory rebuilt Lycoming IO-360-A3B6 s/n RL-39581-51E. Reinstalled Sky-Tec starter m/n 149-NL/ec s/n FNE-270903. Replaced engine Lord mounts. Replaced all fuel and oil engine hoses with new. Serviced engine with 8 quarts of Aeroshell 100 mineral oil. Replaced all CHT probes. Performed engine break-in IAW Lycoming SB 1427. Adjusted idle mixture and prop governor. After break-in flight retorqued all exhaust nuts. Compression check #1 78/80, #2 78/80, #3 78/80, #4 78/80.... (11) Serviced all tires to correct PSI... (13) Replaced right wing fuel sight gauge.... (14) Reinstalled speed brakes p/n AS01577 RH s/n 4810, LH s/n 4811 after repair by Precise Flight, ops check OK.... (16) Replaced right cowl flap control rod quick release ball joint... (17) Re-installed prop governor m/n DC290D1/T22 s/n 960364 after overhaul by Palm Beach Aircraft Propeller.... (18) Replaced cabin overhead vent cable and lubed vent control, ops check OK.... (20) Replaced prop governor control rod end.... (21) Cleaned and serviced Challenger induction air filter... (22) Replaced both forward barrel nuts.... (23) Tightened cowl flap motor base.... (24) Fabricated one baffle retainer and installed two used serviceable baffle retainers.... (25) Adjusted landing gear preloads IAW Mooney maint manual.... (26) Adjusted tension on nose gear steering vertical truss bolt, check OK.... (28) Reinstalled tone generator p/n 950D0309000 s/n 534 after overhaul by International Avionics, opps ck OK... (30) Adjusted rudder travels and aligned nose gear steering to neutral and adjusted nose gear steering stops to .020 inch gap and safetied IAW Mooney maintenance manual.... (31) Tightened fuel outlet fitting on fuel boost pump and fuel hose pass through fitting at firewall.... (32) Tightened aileron center link bolt , ops check OK... (33) Stop drilled crack at the bottom outboard fastener of right main gear forward trunion support brackets.... (34) Installed spacer washers on both aileron pushrod aft rod ends... (37) Reset baggage door hinge pin and staked.... (38) Replaced protruding head screws with flush head screws inside of defrost fan housing. Cleaned and lubed housing and fan, ops check OK.... (40) Removed McCauley prop. m/n B3D36C424 s/n 051700 due to corrosion and installed McCauley prop m/n B3D36C424 s/n 982261 overhauled by Johnson Propeller Service.... (41) Removed B&D tach reading 2938.70 hrs and tach generator. Installed E.I.tachometer p/n R-1-4 s/n 289050 reading 2938.70 hrs IAW STC SA5924NM and E.I. installation instructions OI0517911, ops check OK. W&B negligible.... (43) Cleaned and lubed all wheel bearings... (44) Replaced central vacuum filter... (47) Cleaned and flushed oil cooler..

(48) CW PowerFlow exhaust inspection IAW ICA PFS-16150-00 Rev. F, check OK. Reinstalled with new exhaust gaskets... (49) Installed overhauled Rapco vacuum pump p/n RAP215CC s/n 202768.... (56) Re-installed engine mount after repair by Loree Air.... (57) Replaced broken cannon plug on oil pressure transducer.... (58) Replaced MP gauge with E.I. p/n M-1 GG80R320 s/n 285844 IAW STC SA5926NM and E.I installation instructions OI0517912, ops check OK. W&B negligible

Checked all AD's thru 23-13 for applicability. I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and is airworthy with respect to the work performed.

DATE: 7/6/2023 SIGNED:

Mark T. Rouch, License: 566531421 IA

Work Order: 8069-03-2023

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MAKE Mooney
MODEL M20J
S/N:
REG NO 1083L
WORK ORDER
8022-11-2022

Top Gun Aviation, Inc.

6100 S Lindbergh St
Stockton, CA 95206 USA
Phone: 209-983-8082

DATE 11/21/2022
A/C TSN
TACH: 2933

Airframe Entries

(1) Installed new aft rudder bellcrank. Check OK.... (3) Adjusted cabin door latch pin position and adjusted door latch rod. Lubed lower door latch assembly. Ops check OK.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

DATE: 11/21/2022 SIGNED:

Mark T. Rouch, License 566831421 IA

Work Order: 8022-11-2022

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RECORD CARD

CUSTOMER: MOONEY AIRPLANE

KEY NO.: XB 221549

RA-LOCK COMPANY

1-800-777-6310