

YEAR 20 ____ 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.)
-------------------------	---------------------------	-------------------	-----------------------------	---

N301TV M20J s/n 24-1308

TCM IO-550-A s/n 280431-R

HARTZELL PHC-C3YF-2UF

10/4/2017

Tach: 2241.3 hrs

TAFT: 3377.7 hrs

Serviced and lubricated airframe. Serviced fuel and air induction systems. Conducted landing gear retraction/extension and emergency gear extension. Checked landing gear over center preload. Pressure/smoked tested exhaust system . CW AD 76-07-12 Bendix Ign. Switch function test (due every 100 hrs) . Inspected ELT iaw FAR 91.207d (Battery Due Date: 10/2019). Pilot to verify that the TKS panels saturation is preformed prior to possible icing conditions. Inspected aircraft iaw FAR 43, Appendix D. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Kenneth Gooch

Kenneth Gooch A/P2136656 I/A

Professional Air 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-0019

N301TV

Model: M20J

S/N: 24-1308

Date: 12/13/2017

Tach: 2260.8

W/O: 17-47590

Repaired left horizontal stabilizer TKS panel feed tube. Dressed edge of tail fairing's to prevent further chafing. Sealed left wing stall strip to panel with AC240B1/2. Performed operational checks, no further defects noted. Work performed in accordance with CAV General Practices Manual, P/N 30-09-46, dated 5/20/2009. Pertinent detail of work performed on file at this location.

Charles Hawn

For CRS# H6MR663L

12/20/2017

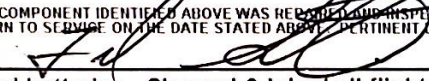
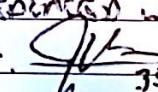
Tach: 2261.7 hrs


TT: 3398.1 hrs

Replaced tube right main, packed bearings and balance tire. Conducted landing gear retraction test.

Kenneth Gooch

Kenneth Gooch 2136656 A/P

YEAR 20 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.)
REG NO	N301TV	CHANDLER AVIATION INC		DATE 12/01/18
MODEL	M20J	CHANDLER MUNICIPAL		WO# 55347
S/N	24-1308	CHANDLER, AZ		HOBBS XXXX
ENG MOD	IO-550-A5B	(480) 732-9118		TACH 2336.1
ENG S/N	280431-R			TOTAL 3472.5
MOONEY AUTHORIZED SERVICE CENTER				
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS FACILITY.				
SIGNATURE 		AUTH. NO. 2307335 IA		
Service tires and batteries. Cleaned & lubed all flight controls. Remove and replace air filter with new. Ops tested and inspected ELT in accordance with FAR 91.207(d). Next battery due: Oct 2019. Performed satisfactory gear retraction test. Found satisfactory. Remove and replace fuel cap o-rings with new. Remove and replace nav light and LT and RT strobe light with Whelan LED lights P/N 6501GE & RE. Install anti-collision lights. Inspect and lube flap track speed fairings and flap actuator screw. Remove, reseal and reinstall master cylinders. Bleed brakes. Clean and reseal LT and RT brake calipers. Remove and replace LT and RT brake linings with new. Remove and replace LT main tire and tube with new. Verify correct attachment for elevator horn spring and found satisfactory. Re-route TKS line to provide clearance. Clean and lube elevator jack screw. Clean and apply 1300L adhesive to secure fire blanket on lower LT cowling right side. Ground run and leak check satisfactory. Inspect and ops test ign switch IAW AD 76-07-12. Ground run tsk system and found satisfactory with no leaks noted. Applicable AD's are complied with thru Rev. 2018-25 and bi-weekly update. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.				
END				
6 FEB 19	2345.3			REMOVED PS ENGINEERING PMA 5500 BT, REPLACED WITH PS ENGINEERING PMA 4550 S/N 54581748-ST.  354644

YEAR 20 <u>19</u> 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.)
19 OCT 19				REMOVED & REPLACED AIRCRAFT BATTERIES WITH 2X CONCORDE RG-35AXC BATTERIES. GROUND RUN / TEST CHECKS COMPLETE ^{JON VAN BRACKEN} ATP # 3546440 

YEAR 20 ____ 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)
-------------------------	---------------------------	-------------------	-----------------------------	--

1725 E. Ryan Rd. #8 Chandler, AZ 85142 eric.d@ChandlerAvionics.com

REG	MAKE/MDEL	SERIAL NUMBER	TACH	DATE
N301TV	Mooney M20J	24-1308	2336.2	14 November 2018


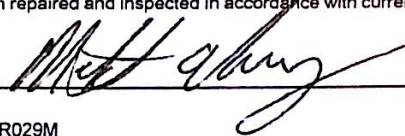
Updated IFD 400 software to Ver 10.2.2 IAW Avidyne installation manual and SB 601-00182-034 Rev 04 All systems ops test satisfactory.

TECH



CERT A&P 3591708 ERIC DIRKSEN



YEAR 20____ 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.)
MAKE: Mooney MODEL: M20j S/N: 24-1308 REG. NO: N301TV WORK ORDER: 55791		 Legend Aviation LLC 2020 Clubhouse Drive Prescott, AZ 86301 Phone: 928.717.1680		DATE: 9/20/2019 A/C TSN: TACH: 2379.3
Avionics Entries				
2				Removed existing Aspen EFD1000 PFD PN:910-00001-011 SN: 13598, returned unit to Aspen for upgrade to MAX and software 2.10, reinstalled in aircraft. Performed Magnetometer calibration with no faults noted. All work IAW Service Bulletin SB2019-03 dated June 2019.
3				Installed an Aspen EFD1000 MFD MAX PN:910-00001-012 SN: 25452 IAW AML STC# 10822SC. See FAA form 337 for details. Performed Magnetometer calibration with no faults noted.
4				Removed a King KI256 Command Indicator. Installed an Aspen EFD1000 EA100 IAW AML STC# 10822SC. See FAA form 337 for details.
5				Removed aircraft airspeed and altimeter. Installed an Aspen EBB IAW AML STC# 10822SC. Allows for use of MFD as backup instrumentation See FAA form 337 for details.
6				Removed Vacuum pump PN:RA216CW SN: B17522 installed blockoff plate. Checked for oil leaks, none noted.
7				Removed compass from aircraft for rebuilding. Noticed compass housing cracked. Removed and replaced housing. Compass repaired in reference to NAVAER Magnetic Compass Overhaul Instructions 05-15-606 Dated 1 Dec 1957. Performed Compass calibration and provided customer with new Compass card.
8				Removed TCI D120-P2-T encoder. Connected transponder to Aspen EFD1000 PFD, configured units per Aspen manual 900-00003-001 Rev. CA dated June 2019. Tested Static system for leaks IAW Part 43 appendix E. Ops tested transponder and GPS, tested good.
9				Performed post installation IFR Cert. Tested altitude reporting system IAW FAR 91.411 and part 43 appendix E. Tested Transponder operation I.A.W FAR 91.413 and Appendix F of Part 43.
Technicians Who Worked On The Items Listed Above: Kris Vawter, Mark Newell, Mitch Ramsay				
MAINTENANCE RELEASE				
The above identified aircraft, component or appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this agency.				
DATE: 9/20/2019		SIGNED:  Mitch Ramsay FAA CRS: ZM3R029M		Work Order: 55791 Printed by EBis 3 (datamedia.com)

RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alter
-----------	---------	-------	--

REG NO	N301TV	CHANDLER AVIATION INC	DATE	12/09/19
MODEL	M20J	CHANDLER MUNICIPAL	WO#	56574
S/N	24-1308	CHANDLER, AZ	HOBBS	3255.7
ENG MOD	IO-550-A5B	(480) 732-9118	TACH	2399.1
ENG S/N	280431-R		TOTAL	3535.5

MOONEY AUTHORIZED SERVICE CENTER

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS FACILITY.

SIGNATURE [Signature] AUTH. NO. 2307335 IA

Service tires and batteries. Cleaned & lubed all flight controls. Clean fuel screen. Remove and weigh portable fire extinguisher. Visually inspect and found satisfactory. Install new induction air filter. Install new inner and outer rings on fuel caps. Ops tested and inspected ELT in accordance with FAR 91.207(d). Install new battery. Next battery replacement due: Jan. 2022. Perform satisfactory gear retraction test, and emergency gear extensions. Lube landing gear system. Defuel L/H fuel tank and apply fuel tank sealer IAW Mooney service manual. Add fuel and leak check satisfactory. Install customer provided L/H stab fairing. Ground run and leak check satisfactory. Inspect and ops test ign switch IAW AD 76-07-12. Ground run TKS system and found satisfactory with no leaks noted. Applicable AD's are complied with thru Rev. 2019-23 and bi-weekly update. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

END

MAKE: Mooney
MODEL: M20J
S/N: 24-1308
REG. NO: N301TV
WORK ORDER: 56041



Legend Aviation LLC

2020 Clubhouse Drive
Prescott, AZ 86301
Phone: 928.717.1680

DATE: 2/20/2020
A/C TSN:
TACH: 2379.3

Avionics Entries

- (1) No discrepancies found during inspection.
- (2) Removed IFD540 from tray to check wiring continuity. Found damaged pins. Removed and replaced broken and bent pins and tested with no faults noted. All work performed IAW Avidyne IFD540/440 IMM 600-0029-000.
- (3) Verified software and configurations IAW Aspen EFD1000 IMM #900-00003-001 Rev CA and Aspen SB2016-06 Rev A. Function tested with no faults noted.

Technicians Who Worked On The Items Listed Above:
Kris Vawter, Mark Newell, Mitch Ramsay

MAINTENANCE RELEASE

The above identified aircraft, component or appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this agency.

DATE: 2/20/2020

SIGNED: -

FAA CRS # ZM3R029M
MARK D NEWELL

Work Order: 56041

Printed by EBis 3 (datcomedia.com)



ZULU AVIONICS

Zulu Aerospace Services LLC 2020 Clubhouse Dr Prescott, AZ 86301 928-377-4545 CRS# ZM3R930D

N301TV

TACH: 2448.5

MOONEY, M20J, S/N: 24-1308

December 18, 2020

1. Performed Aspen EFD 1000 MAX and MFD 1000 MAX software update to MAP V2.10.2 SW and IOP V2.2.1 SW IAW Aspen SB2020-02 Rev. A Apr/2020. Ops checked good.
2. Performed Avidyne IFD 440 Software Update to SW 10.2.4.1 IAW Avidyne SB Doc No. 601-00182-034 Rev. 10 Feb/2020. Ops checked good.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Zulu Aerospace Services LLC under work order: P19505.

Jorge Torres CRS ZM3R930D



and Alterations

Certificate Number of
per specific entries.)

Registration: N301TV

Mooney M20J

SN: 24-1308

Airframe

Date: 01-01-2021

TACH: 2448.5

ACTT: 3584.9

Complied with an Annual Inspection. Tested and inspected ELT IAW FAR 91.207d. ELT battery due 01-2022. Complied with AD 76-07-12 Ignition switch by manually checking switch IAW AD. Next Due @ ACTT: 3684.9. Resealed LT and RT fuel tank sump drains. Removed and reinstalled lower RT wing fuel tank panel after leak repair to RT fuel tank. Replaced inner and outer o-rings for fuel tank filler caps. Fabricated and installed patch for lower cowl LT forward attach point. Replaced rod end for aileron control in FWD belly. Replaced LT and RT upper and lower nose gear door rod ends. Replaced FWD nose gear steering rod end. Adjusted LT and RT steering stops IAW Mooney MM. Replaced AFT rudder rod end. Replaced LT brake linings. Adjusted stall vein micro-switch to prevent constant stall horn engagement when power is applied. Replaced induction filter. Swung compass and recorded new deviation card. Secured co-pilots sun visor hardware. Replaced nut plate for spinner. AD's checked thru Bi-Weekly issue 2020-26. All work accomplished IAW Manufacturers Maintenance Manuals and FAR 43 Appendix D. I certify this Airframe has been inspected In Accordance With an Annual inspection and was determined to be in Airworthy condition at this time.

Jeff Gerlak

AP3538569IA

Precision Static Testing Livermore, CA
 FAA Certified Repair Station #QJAR856X
 PHONE: (925) 449-5904 FAX (925) 449-6081

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICED
E
T

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 206 feet.Time: 2543.0W/O# 20747N 301TVInspected by 2Date 11/1/2022

MAKE Mooney
 MODEL M20J MISSILE
 S/N 24-1308
 REG NO 301TV
 WORK ORDER
 7834-02-2022



Top Gun Aviation, Inc.

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

DATE 6/22/2022
 A/C TSN 3679 2
 TACH 2542 8

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]... (7) Replaced all fuel cap o-rings and adjusted latch tension.... (8) C/W AD 76-07-12 ignition switch, ops ck OK.... (16) Repaired fiberglass on lower cowl at bottom flange. Fabricated and installed cowl flange cross member on bottom of cowl.... (28) CW AD 88-25-11 AFM, Placard, Baggage Door Inside Latch by placing AFM supplement in POH and installing placard on door. Opened finger hole on baggage door inside latch cover... (29) Replaced Brackett induction air filter and cleaned housing.... (31) Tightened prop governor control rod end hardware.... (34) Replaced induction tube drain line, check OK.... (39) Stop drilled cracks at forward 3 rivets in landing gear actuator support bracket and fabricated and installed doubler.... (40) Replaced gear warning horn, ops check OK.... (41) Adjusted landing gear preloads IAW Mooney maint manual. Shimmed landing gear actuator mechanical down-stop .050 inch gap. Adjusted landing gear mechanical up-stop to .050 inch gap. Adjusted main and nose gear door doors.... (47) Replaced o-ring on TKS "T" fitting in flap well, ops check OK.... (48) Adjusted elevator travel stops IAW Mooney maint manual, check OK.... (53) Replaced aft rudder control bellcrank with repaired part.... (62) Replaced ELT battery, opps ck OK. Battery next due March 2024... (72) Replaced fresh air and heat exchanger scat tube... (73) Tightened loose rivnut at top of left empennage fairing... (74) Fabricated and installed right aft baffle inboard attach bracket.

Checked all AD's thru 22-12 for applicability I certify that this AIRCRAFT has been inspected IAW an ANNUAL inspection and is airworthy with respect to the work performed

DATE 6/22/2022

SIGNED

Work Order: 7834-02-2022

A. T. T.

Mark T. Rouch, License 566531421 TA

Printed by EBis 3 (datcomedia.com)

YEAR
20
DATERECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
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.)

September 24, 2022 N301TV Tach: 2591.5 Airframe

1. Removed and replaced oil pressure hose assembly from oil cooler to transducers with fabricated hose assembly made using new 303-4 hose, serviceable fittings and firesleeve.
2. Repaired pilots push to talk by replacement of buttsplice.



Markus Bosch AP3139438

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	---

MAKE Mooney
MODEL M20J
S/N 24-1308
REG NO 301TV
WORK ORDER 6035

Advanced Aircraft Services, LLC.

1250 NW Perimeter Way
Suite 1196
Troutdale, OR 97060
Phone 503-465-2298

DATE 2/17/2023
A/C TSN 2628 2
TACH 2628 2

Airframe Entries

(1) Noted fuel leaks in LH Monroy fuel tank and around main fuel drains. Drained all fuel tanks, accessed outboard tank. Located leak site along inboard end of Monroy tank as well several rivets between tank bays. Removed old sealant as needed from both locations and repaired sealant per Mooney Service Instructions using CS3204B2 sealant. Drilled out loose and leaking rivets in outboard tank rib, replaced, resealed. Applied sealant along lower string of tank bays. Removed inboard lower main tank access panel. Removed tank drain fitting and reinstalled with solid rivets. Resealed area, installed new drain valve and installed access panel. Refilled both tanks with fuel and monitored for leakage. (2) Removed glareshield and radio rack from aircraft. Removed racks for KY197 and KNS80 radio units. Installed new TRIG TX56A NAV/COM radio in the #2 COMM position. Unit was connected to the avionics buss and existing avionics harness using the Manufacturers Installation Manual #01776-00-01-AD, dated April 5, 2022. This is considered a minor change and has EASA approval.

Items listed above have been inspected and or repaired in accordance with current federal aviation regulations and were found OK for return to service. See actual work order for any discrepancies.

DATE 2/17/2023

SIGNED

Greg Lehman, A&P 2491728

Work Order: 6035

Printed by EBis 3 (datcomedia.com)

June 20, 2023 N301TV Tach: 2635.5 AFTT: 3771.9

1. ELT inspected per FAR 91.207d.

2. Aircraft reassembled to received condition post inspection per owner request.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection as per FAR 43, Appendix D and was determined to be in an UNAIRWORTHY condition. A list of discrepancies and unairworthy items dated 6/20/2023 has been provided to the aircraft owner / operator.



Markus Bosch AP3139438IA

MARKUS BOSCH AP3139438

Date 12/12/2023

Reg: N301TB

Tach: 2636.2

Airframe: Mooney M20J S/N: 24-1308

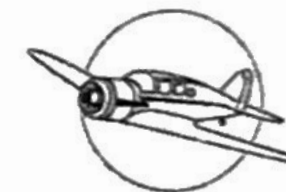
- Replaced all engine vibration mounts with new p/n 94030-01.
- Inspected aircraft for purposes of ferry flight. Ground run and ops check OK.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

"This aircraft has been inspected and has been found safe for the intended flight in accordance with FAA Special Flight Permit dated 12/15/2023"

Brett Zefting

A&P3164534



ZEFTING
AVIATION

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	--

Bridgetown Aero, LLC * CRS8IDR649

Registration: N301TV Make: MOONEY Model: M20J Serial #: 241308 Tach: 2637.9

~~This aircraft's altimeter system and altitude reporting equipment have been inspected and tested as required by FAR 91.411 and in accordance with Part 43 Appendix E.~~

~~Altimeter #1: MFG _____ S/N _____ Tested to _____ Feet
Encoder MFG: _____ S/N _____ Next Due Date: _____
Date: _____ Work Order # _____ Inspector _____~~

This aircraft's transponder(s) have been tested as required by FAR 91.413
and in accordance with Part 43 Appendix E & F.

Transponder Model: ANIDYNE P/N: AXP340 S/N: 00299 Next Due Date: 9/1/26
Date: 8/2/24 Work Order # 122 Inspector: [Signature]

This aircraft has been inspected in accordance with current federal aviation records and found to be airworthy with respect to the work performed. Details will be on file at Bridgetown Aero, LLC under the above Work Order.

YEAR 20 DATE

Alterations
icate Number of
specific entries.)

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	---

MAKE: Mooney
MODEL: M20J
S/N: 24-1308
REG. NO: 301TV
WORK ORDER: 6239

Advanced Aircraft Services, LLC.

1250 NW Perimeter Way
Suite 1196
Troutdale, OR 97060
Phone: 503-465-2298

DATE: 8/2/2024
A/C TSN: 3774.4
TACH: 2638

Airframe Entries

(1) Annual Inspection - I Certify that this Airframe has been inspected for Annual Inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service.++++++(4) Removed engine and engine mount from fuselage and sent mount to Rocket Engineering for repair. Reinstalled mount with new hardware and torqued mounting bolts. Reinstalled engine onto mount and Lord mounts and torqued per manual. Installed all previously removed exhaust components and secured oil and fuel lines. Serviced engine with Phillips XC 20w50 oil.++++++(8) Removed damaged Kevlar heat shield blanket material and replace with new Kevlar heat shield blanket material and glued on to lower cowl with Hi-temp RTV.++++++(15) Correctly aligned exhaust pipe to muffler and torqued clamp to specs. Safetied V-band clamp.++++++(16) Installed missing hardware in RH MLG door.++++++(17) Disassembled and replaced worn out wheel halves with new. Reassembled with original tire, tube and new hardware. Serviced new bearings with grease, installed and safetied.++++++(18) Removed LH MLG tire SN# 3065S00043 and replaced with new tire Goodyear Flight Custom III 6.00-6 6 ply tire, SN# 40250229.++++++(19) Installed new LORD shock discs on LH and RH main gear legs.++++++(20) Cleaned and reglued seal on lower portion of cabin door.++++++(22) Disassembled LH MLG trailing link pivot, cleaned bushings, hardware and link fittings. Lubricated and reassembled.++++++(23) Removed RH lower inboard fuel tank access panel, RH fuel drain, and RH fuel drain base. Removed all sealant. Reinstalled RH fuel drain base and sealed. Removed old fuel drain and replaced with new valve on RH wing fuel tank.++++++(24) Defueled aircraft, removed fuel bay access panel on LH wing, cleaned off sealant and replaced leaking rivets, resealed area and installed fuel bay access panel. Removed and replaced LH and RH fuel quantity probe gaskets and LH and RH fuel tank pick up fitting gaskets with new.++++++(25) Adjusted tension on roll servo bridle cable attachment hardware and safetied bolt. Adjusted cable tension per Mooney M20 KFC150 installation manual++++++(26) Removed and replaced Aft elevator bellcrank assembly with new bellcrank and bolt. Installed new assist spring brackets per Mooney retrofit instructions. Verified proper operation. Elevator and rudder operational check good.++++++(27) Cleaned and treated rusty areas with Corrosion X++++++(29) Installed new Bracket air filter element.++++++(30) Cleaned paint off pitot and static line drains, lubricated, cycled drains until operation was smooth.++++++(31) Complied with FAR 91.207(d) by inspection of ELT for proper operation, condition and security. Removed ELT battery and replaced with new. New battery expiration date July 2026.++++++(32) Fabricated and installed placards as needed to the exterior of the aircraft.++++++(33) Adjusted Elevator down travel stop per Mooney Maintenance manual.++++++(34) Disassembled center console to gain access to flap and trim position

Page 2 Over →

YEAR 20____ 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.)

Freedom Avionics, 11905 Corporate Way , Broomfield CO 80021-2514 **FDBR221K**

Date: 08-15-2024 **Work Order #:** 20241157 **Logbook:** Airframe **Tail Number:** N301TV **Model:** M20J **Serial:** 24-1308 **Tach:** **Hobbs:**

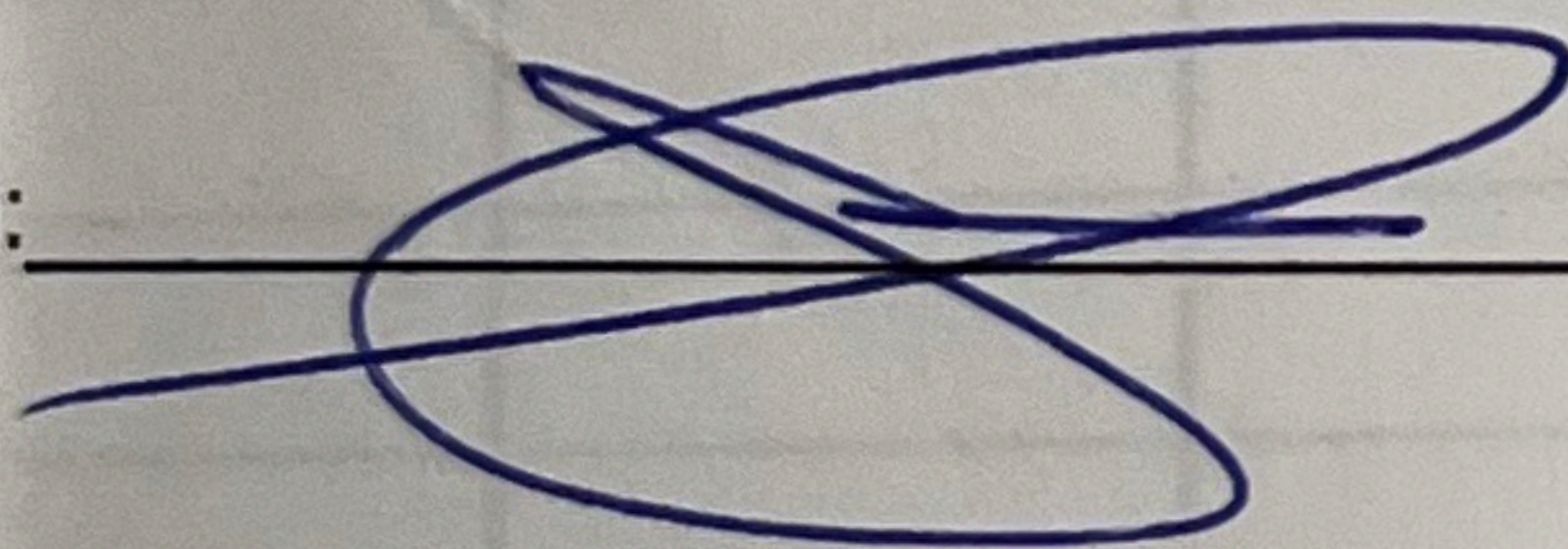
Repairs / Maintenance

- THE AIRCRAFTS ALTIMETER, ALTITUDE REPORTING EQUIPMENT AND TRANSPONDER WERE TESTED AS REQUIRED BY 14 CFR PART 91.411 AND 91.413, AND FOUND TO MEET THE REQUIREMENTS OF APPENDIX E & F OF PART 43.

This aircraft, airframe or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, or appliance maintenance manuals and instructions.

Maintenance Release: Freedom Avionics, FAA CRS#FDBR221K , Authorized RTS Technician:**Jim Lewis**

Sign:



| **Date:** 08-15-2024

YEAR
20 _____
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.)

CHFD Aircraft Inc.

2109



MSA 342

100

CHFD Aircraft Inc. cover 511