

REGISTRATION: N201RF

AIRFRAME TTSN / TACH: 4158.8
ENGINE TTSN / SMOH 4641.7 / 1282.2

1. Reinstalled repaired S-TEC30ALT autopilot computer and pitch servo. Function tested on ground per POH supplement, system operates normally. Weight and balance data restored to previous version, reprinted this date for POH and aircraft records.

All work accomplished IAW AC43.13. I certify this aircraft has been repaired and found to be in airworthy condition, with respect to the work performed.

Byron Rodgers A&P

Page 1 of 1

RPM AIRCRAFT SERVICE

Gaithersburg, MD 20879

DATE: 02-01-2022

AIRFRAME TTSN / TACH: 4288.5

REGISTRATION: N201RF

ENGINE TTSN / SMOH 4771.4 / 1411.9

1. Performed annual inspection per Mooney Annual/100 Hour Inspection Guide checklist, and Mooney M20J Service and Maintenance Manual. Checked and complied with all AD's thru this date. See provided TData AD list in aircraft records this date.
2. Performed AD 76-07-12 (Bendix ignition switch) by functional check. Next due 4388.5 AFTT.
3. AD 85-24-03 (fuel tank bays) PCW by inspection. Mooney SB M20-229A (fuel cap o-ring condition and fuel cap tension) C/W by inspection. Replaced fuel cap o-rings with new MS25988/1-338 and -010 Fluorosilicone o-rings. Insp. due next annual.
4. Greased MLG actuator and jackscrew, flap and trim jackscrews per SMM. Greased landing gear actuator with special Dukes grease. Next due 4388.5 AFTT
5. Inspected wheel bearings and brakes; reinstalled.
6. Performed functional check of ACK E-04 ELT. Inspected ELT and checked batteries per ACK E-04 installation/operation manual and FAR 91.207. Battery expiration date is 02/24.
7. Replaced Brackett air filter element, P/N BA-6210.
8. Troubleshoot intermittent panel glareshield lights to bad Molex pin in 3-gang plug. Replaced both pins, ops check normal.
9. Repaired forward baffle under air filter flange with .040" 2024T3 aluminum doublers on both sides, and new rivets. Repainted front baffles both sides with glass black paint.

RPM AIRCRAFT SERVICE

[REDACTED]
Gaithersburg, MD 20879

DATE: 02-01-2022

AIRFRAME TTSN / TACH: 4288.5

REGISTRATION: N201RF

ENGINE TTSN/SMOH 4771.4 / 1411.9

11. Replaced autopilot Century 1C385-1 console with serviceable unit. S/N off 074, S/N on is 17614F. Checked autopilot ROLL and HDG function on ground, unit operates normally.
12. Replaced 52D66 vacuum attitude indicator with serviceable unit. S/N off X6064F. S/N on X48787F. Ran unit on ground with standby vacuum, ops check normal.
13. Replaced left wingtip lens.
14. Replaced strobe light switch cover with new 3D printed replacement cover.
15. Replaced fuel cap placards, Cabin air, heat, and parking brake placards, strobe and NAV switch labels, fuel gascolator bowl torque placard.

All work accomplished IAW AC43.13 and Mooney M20J SMM. I certify this aircraft has been inspected IAW an annual inspection and found to be in airworthy condition.

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A&P [REDACTED] IA

Page 2 of 2

RPM AIRCRAFT SERVICE

[REDACTED]
Gaithersburg, MD 20879

DATE: 10-06-2021

AIRFRAME TTSN / TACH: 4273.7

REGISTRATION: N201RF

1. Found brakes worn to limits and leaking LH brake caliper. Replaced all 4 brake pads with new 66-105 and new 105-00200 rivets. R/R LH brake caliper O-ring with new MS28775-224 o-ring. Bled LH caliper. Reassembled brakes and safety wired both brake calipers and lower gear doors. Topped up brake reservoir with MIL-H-5606 fluid.

All work accomplished IAW AC4-13 and Mooney M20J SMM. I certify this aircraft has been repaired and is in airworthy condition with respect to the work performed.

Byron Rodgers A&P [REDACTED]

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