



Photo 1 – Accident site shows the right side of the airplane with the car against it. (Photo Courtesy of Livermore Airport Operations)



Photo 2 - Right Side of Airplane with damage to the wing tip and length of the wing. (Photo Courtesy of FAA)

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteratio Entries must be endorsed with Name, Rating and Certificate Number o Technician or Repair Facility. (See back pages for other specific entrie
MAKE: Mooney MODEL: M20E S/N: 670047 REG. NO: N3254F WORK ORDER: 7678-10-2017				DATE: 11/17/2017 A/C TSN: 2462 9 TACH: 2462.9
Sterling Aviation Concord, CA 94520 Phone: 925-676-2100				
Airframe Entries Completed annual inspection per Mooney check list. Removed prop. replaced generator belt and reinstalled prop. Replaced left hand and right hand landing gear pucks. Installed new ELT repacked wheel bearings and inspected brakes replaced vacuum filter/installed four positive control vacuum cans, replaced vacuum hose forward of firewall, replaced crankcase forward seal. ADs thru. 17-22... C/W Ad 73-21-01 (a) next due at annual or 2557.2... AD 77-18-01 N/A due P/N... AD 76-07-12 C/W next due 2557.2... C/W AD 12-05-09 (g) No problem noted... AD 06-10-21 N/A by P/N... AD 15-19-07 C/W by inspection. Np problem noted. Next due 2567.2... ELT replaced see WO#... Repaired lower cowling, installed cam locks... wasp nest in left wing O/B and inboard aileron hinge cleaned nest... Right wing fuel tank reads low. Qty. has dead spot. Cust elected to not repair due to having a electric full qty. system... Left fuel tank qty. intermittent, cleaned contacts, reads correctly... Right mag. rough. removed and cleaned plugs. and replaced 2 plugs... Prop. Lever stiff, cleaned and lubed... Oil temp. sticks. Cleaned all contacts ops checked ok... Flaps inoperative, repaired leaking flap shuttle valve, bleed system. Ops check OK... Vac pressure high, cleaned system relief. Ops checked OK... Power boost ram air control broken, replaced Ram air control... throttle cable very stiff cleaned and lubed. Ops OK... Nose gear has excessive play; replaced nose gear pivot bolt. Ops OK... Cowl flaps stiff, cleaned and lubed. Ops ok... cabin over head light inop, installed new bulb... removed all nest and debris from tail section... Door step inoperative, replaced return spring. Ops checked OK... Tach drive pad needs cap replaced, replaced cap... Exhaust slip join bolts need replaced, replaced bolts and nuts... Left wing fuel sump leaking, cleaned sump drain... Gear wells and landing gear need cleaning removed all oil and dirt with degreaser... Right wing positive control can torn boot: Replaced with Cust. supplied parts... right wing tip wasp nest needs remove, cleaned wing interior... Right wing Vac. hose chaffing on ribs: repositioned hose... Left wing Vac. control can boot torn: replaced can... Pilot side window cracked: cust. did not repaired... Elev. binds in up and down direction: cleaned and lubed Elevator system Ops OK... Clean excessive hyd fluid from brake reservoir... Vac. hose below panel replaced... Found visors in baggage compartment and mounted them... chaff tape needs replaced on cowlin. Replaced tape... Many loose wires behind inst. All wires not used terminated... Positive control system needs checked. Checked all plumbing and routing, system ops ok static needs test flight check... Replaced both left and right main landing pucks with new... Alternator belt cracked Replaced with new belt... Installed aluminum patch with cherry rivets. Applied Zinc Chromate over patch				
DATE: 11/17/2017				Work Order: 7678-10-2017

Photo 3 - Airframe Logbook Annual Inspection 2017 (Photo Courtesy of FAA)

RECORDING HOUR 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.)	YEAR _____ DATE
			February 14, 2021 N3254F ESN RL-21841-51A TT 2600 TTIS 439.96 TSMOH 339.96 I certify that this engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Timing and plugs checked to be normal. Changed oil and filter CH48110-2 (tempest) with 7 qts. of Aeroshell 100WPlus. Compression Test: #1. 70/80 #2. 70/80 #3. 75/80 #4. 74/80 A&P [REDACTED] A Oren Redsun [REDACTED]	

Photo 4 - Engine Logbook Annual Inspection February 14, 2021 (Photo Courtesy of FAA)

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				January 4, 2019 N3254F Serial Number 670047 TT 2548.84 TACH2548.84 Installed new Rapco Vacuum pump IAW Mooney service manual and Rapco instructions. P/N RAP215CC S/N A69689. FAA-P-8740-52 Safety warning given to aircraft owner. ██████████ A&P Oren Redsun ██████████
				February 14, 2021 N3254F Serial Number 670047 TT 2600 TACH2600 I certify that this aircraft has been inspected in accordance with Annual inspection procedures and was determined to be in airworthy condition. ELT INSPECTION PER 91.207 (d) battery replacement due by 06/2022. C/W AD 73-21-01 Next due Jan 2021 ^{Feb 2022} or next annual. Ref. Mooney MManual. Lubricated all flight control cables and chains with silicone based lubricants. Inspected wheels and brakes and serviced tires. Complied with all required AD's current this date. A&P ██████████ IA Oren Redsun ██████████

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Photo 5 - Airframe Logbook Annual Inspection February 14, 2021 (Photo Courtesy of FAA)

February 1, 2020 N3254F Prop Serial Number CH35475B
TTSN 420.69 TACH 2581.99
I certify that this Propeller has been inspected in accordance
with an Annual inspection and was determined to be in
airworthy condition.
A&P [REDACTED] A Oren Redsun [REDACTED]

February 14, 2021 N3254F Prop Serial Number CH35475B
TTSN 439.96 TACH 2600
I certify that this Propeller has been inspected in accordance
with an Annual inspection and was determined to be in
airworthy condition. Lubricated with Aeroshell 6.
A&P [REDACTED] A Oren Redsun [REDACTED]

Photo 6 - Propeller Logbook Annual Inspection February 14, 2021 (Photo Courtesy of FAA)