

N5557Q Date 8-20-10 Tach. 3098.4 Hr

A/C. M20C S/N 2967 Total 3098.4 Hr

ENG. O-360-A1D6 S/N L-7839-36A Total 3098.4

Hr TSMOH1997.4 Hr

Prop. HC-C2YK-1B/7666A-2 S/N 1813E Total 3098.4

Hr TSOH 782.2 Hr

Insp. interior and exterior of : wings, cockpit, tail-cone and empennage. Insp. and lube all primary & secondary flt. control : surfaces, brgns. & mounts, cables, pulleys, push-pull/ torque tubes, bellcranks, and controls. Insp. and lube all: landing gears, tires, brakes, wheels & brgns. Swing gear, ops. check emergency gear extention syst. Insp./ service: , A/C batt. brake reservoir.

Insp. fuel syst., drain all sumps, insp./clean fuel filters.

ELT. batt due 4-12. ELT insp. IAW. FAR. 91.207 PAR.(d)(1)(2)(3)(4) next due 8-11, Re-arm ELT.swt. Insp. prop. & spinner, grnd. run - no lks/crks found, RPM within specs.

1)replaced following parts on nose landing gear:
"914007-003(3 ea), AN7-22A(2 ea), AN365-720(2 ea)"
"7200010-019, 914020-007, AN23-19A, NAS623-3-19, 914012-013, AN23-16, AN3-14, AN3-10A, MS25081C6"
"914007-002,(2 ea), AN6-33A(2 ea), 913022-006"
"914020-021, 914020-017, AN6-15A, AN6-13A"
"AN914007-001(2 ea), AN5-26A(2 ea)"
"914007-004, AN7-50"

2)replaced fuel caps O-ring P/N MS29513-338 & -010

3)replaced both fuel drain V. P/N MDI-53S

PAIRS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
FOR OTHER SPECIFIC ENTRIES.)

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- 4)replaced fuel filter gasket P/N T303-30
- 5)replaced fuel selector V. placard P/N 150080-31
- 6)replaced all brake pad's P/N RAD 66-111
- 7)replaced O-ring on both caliper's P/N MS28775-326
- 8)replaced O-rings on both master cyl's P/N MS28775-112, & -111, & -010. Wave washer P/N 3502-1803 (2 ea) and V.kit P/N 090L (by Lake Aero Styling & Repair)
- 9)replaced O-rings on park brake V. P/N MS28775-113, & -010
- 10)replaced O-ring on flap actuator P/N MS28775-211, AN6246--6
- 11)replaced O-rings on flap pump/manifold P/N MS28775-006, & -110, & -111, & -011, MS28778-5, & -8
- 12)replaced flap actuator press. hose fab b y SSR.
- 13) replaced flap pump/manifold press. and supply hoses fab. by Sacramento Sky Ranch
- 14)fabricated hyd.line P/N 850000-7 on parking V. hyd.line P/N 850000-35 on LHS.master cyl., hyd.line P/N 850000-33 on RHS.master cyl. hyd. line P/N 850000-19 & P/N 850000-29 in wheel well for brakes with 5052-O 1/4 in. alum. tubing using new nuts P/N AN818-4D & sleeve P/N AN819-4D , IAW AC.43.13 -1B PAR. 9-30.b
- 15)replaced fuel ~~and~~ press,gauges hose fab. by SSR
- 16)replaced both windshields with new LP windshield P/N 133 and 134
- 17)replaced ELT batt. P/N BP-1030

REPAIRS AND ALTERATIONS
ING AND CERTIFICATE NUMBER OF
ES FOR OTHER SPECIFIC ENTRIES.)

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18) on cabin air/heat replaced duct P/N 912007-1, & -503, & -505, & -509, & -511 with scat hose of same size

19) replaced batt. box mounting hardware with stainless steel hardware

20) repair leak on I/B bottom area of LH. fuel tank by removing all sealant, cleaning and sealing with CS3204-B2, removed sealant blocking rib drain passages & removed sealant covering 3/4 of fuel inlet screen from previous repair, replaced fuel float gasket & seal with CS3204-B2, seal top & botton I/B tank access panel,

21) remove & re-install carb heat control cable after repair by Lake Aero Styling & repair, see WO. no. 2152-04-2010 dated 4-8-10

22) removed & re-intall prop. after AD.20-18-15 & SB61-269R2 C/W by American prop. see WO. no. 11377-10-2009. "NOTE AD.20-18-15 was SUPERSEDED by AD.09-22-03 which covers same insp."

All work C/W per MOONEY M20 service & maintenance manual P/N 104

39-1729. AD.73-21-01 C/W PAR.(a) (c) -next due @ A/C total 3198 Hr/8-11 (landing gear)

39-2181. AD.75-09-08 C/W PAR. (a) -next due @ A/C total 3198 Hr (eng. mount @ cup area)

39-3258. AD.77-17-04 C/W PAR.(a) -next due @ A/C total 3598 Hr (control wheel shaft)

39-5173. AD.085-24-03.PAR.(a) P/C/W, on RH.tank, C/W PAR. (b) on RH. tank, C/W PAR.(a) (b) on LH. tank (fuel cell)

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39-3024. D.76-07-12 C/W PAR. 1. -next due @ A/C total 3198 Hr (Bendix ign. swt.)

Prop AD's: AD.06-24-07 N/A by repair station, AD.08-13-28 N/A by P/N

39-15311. AD.07-26-09 PAR. (b)(2) has been P/C/W (placard)

39-16054. AD.09-²²~~27~~-03 PAR. (i)(j) was C/W by American Prop. Ser. see WO. no. 21586 dated 10-27-09 -next due @ Prop. total 3198 Hr/annual insp. (prop. hub E.C.I. insp)

I certify that this A/C has been insp. IAW. FAR. 43 APPX. D and ~~was found to be~~ in airworthy condition.

Angel I Felix A&P

DA
19

N5557Q Date 5-17-12 Tach. 3119 Hr
A/C M20C S/N 2967 TSN 3119 Hr
Eng. O-360-A1D6 S/N L-7839-36A TSN 3119 Hr TSMOH 2018 Hr
Prop. HC-C2YK-1B/7666A-2 S/N 1813E TSN 3119 Hr TSO 803 Hr

Insp. interior & exterior of : wings, cockpit, tailcone and empannage.
Insp. and lube all primary & secondary flt. control : surfaces, brngs. & mounts, cables, pulleys, push-pull/torque tubes, bellcranks and controls. Insp. and lube all landing gears, tires, wheels & brngs, brakes. Swing gears various times. Insp./service : A/C batt., brake reservoir. Insp. fuel syst., drain all sumps, insp./clean fuel filter- resafety.

Replaced ELT batt. with new P/N BP 1030, next due 7-14. ELT insp. IAW. FAR. 91.207 PAR. (d)(1)(2)(3)(4) - next due 5-13, rearm ELT swt.

Insp. prop. & spinner, grnd. run - no lks/cks found, RPM within specs.

- 1) replaced RH wng fuel drain V. with new AIR SAFE P/N SA53S
- 2) replaced eng air filter with new P/N BA-6108
- 3) replaced N/G wheel brng P/N 08125 & race P/N 08231
- 39-1729 AD.73-21-01 C/W PAR. (a)(c) -next due 3219 Hr (L/G)
- 39-2181 AD.75-09-08 C/W PAR. (a) -next due 3219 Hr (eng. mount & cup area)
- 39-3258 AD.77-17-04 PAR. (a) due 3598 Hr (control wheel shaft)
- 39-5173 AD.85-24-03 C/W PAR. (b) -next 3219 Hr (fuel caps O rings)
- 39-16981 AD.12-05-09 C/W PAR. (g) -no further acxtion req.(empannage hinge
- 39-3024 AD.76-07-12 C/W PAR. 1. -next due 3219 Hr (Bendix Ign. swt.)
- 39-16054 AD.09-22-03 PAR. (i)(j) due @ prop.TSN 3198 Hr (prop.Hub ECI insp)

I certify that this A/C has been insp. IAW. an annual insp. per FAR 43

APPX D² was found to be in airworthy conditions

IRS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
OR OTHER SPECIFIC ENTRIES.)

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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 MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				N5557Q, S/N 2967, Tach 3135.35 - replaced nose wheel tire 500x5, two main tires 600x6, and all tubes with new. Replaced one nose wheel ball bearing and race with new. Compass re-calibrated on TKI compass rose, all radios on.
				07-02-2012 Gerhard Deffner, A&P
				N557Q, M20C, S/N 2967, Tach: 3138.21 Reinstalled Garwin Attitude gyro 23.750A, S/N 625 after overhaul by Aircraft Quality Instruments, WO# 51144. Installed Rapco vacuum filter. Functional check OK.
				Signed Date: 7/18/12 Gerhard Deffner, A&P

DA
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I certify that this aircraft has been inspected in accordance with FAR 91.413 and Appendix F of FAR 43 inspection and was determined to be in airworthy condition.

Transponder #1 Model AT50 s/n 18501

Transponder #2 Model — s/n —

N # 5557Q s/n 2967 Time 3142.6

SELECT AVIONICS McKinney, Texas 75069

FAA #

SA 09

Signed

Date

8/8/12

OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
DORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

N557Q, M20C, S/N 2767, Tach: 3152.34

Removed all seat belts. Installed AmSafe belts, including front seat diagonal belts. All lap belts installed using existing attach points. Upper attachment of diagonal belts as directed by AmSafe installation instructions, using Adel clamp on vertical tubular frame member.

Signed ..

Gerhard Deffner,

..... Date: 8-2-12
A&P

N55757Q, M20C, s/n 2967, Tach 3166.42

Re-installed RC Allen Turn & Bank indicator after overhaul by Aircraft Quality Instruments. Operational check OK.

Date:

9-11-12

Signed

G.Deffner,

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A&P

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS
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19__

N5557Q 11/16/2012 Tach 3196.93

Drained fuel, removed fuel sumps both wings. Opened inboard fuel access panels both wings. Cleaned and inspected both tanks, cleaned fuel sump drain holes of sealant. Replaced 1 sump drain do to wrong part. Inspected screens in both tanks, fuel selector and carb. Cleaned and tested spark plugs, tested plug wires. Checked compressions 1. 72/80 2. 74/80 3. 75/80 4. 72/80. Resealed access panels. CW SB M20-202 Fabricated spacer and installed, did gear retraction test, inspected steering linkage. Inspected elevator and rudder linkage. CW AD 12-05-09 inspection.

John Hooker [REDACTED] A&P

[REDACTED]

N# 5557Q Date 6/28/2013 Tach 3229⁶⁴ ACTT 3229⁶⁴

Completed annual inspection this date. Lubed all flight controls. Packed wheel bearings. Performed the following work. *Opened RH fuel tank top covers, cleaned & Resealed back bottom of tank & Resealed covers. Replaced Nuke Case Seal. Removed prop & Reinstalled after service by Bryan propeller. Removed Headliner, free up vents & Reinstall Headliner. Switched VOR Head with Altimeter due to yoke hitting back of VOR. Adj Altimeter & inspected Rod Knobs. Adj Positive Control to Center Trim Knob.*
CW the following AD's. AD's checked thru. 2013-12

73-21-01 inspt/lube next due 12 months/100hr.

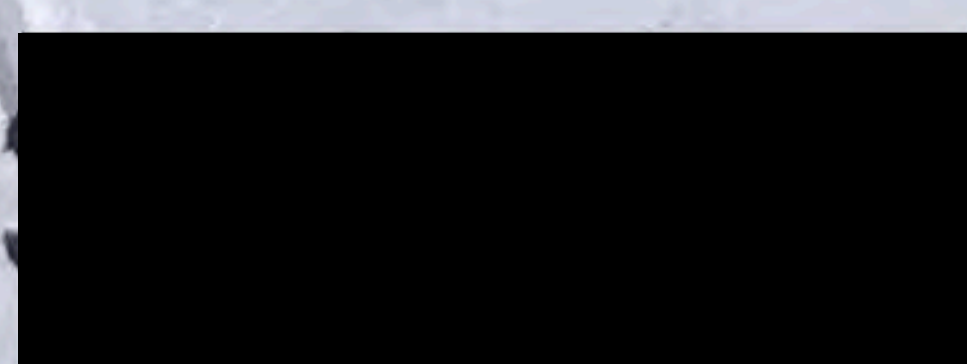
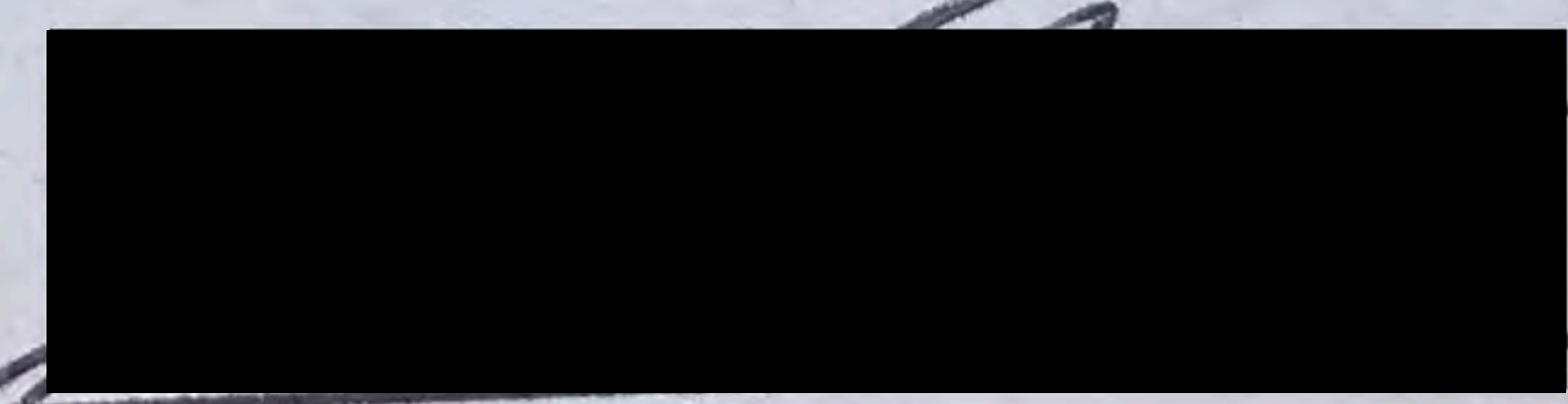
75-09-08 insp next due 100hr

77-17-04 insp Next due 500hr

85-24-03 insp Next due 100hr/annual

Adj prop Control Cable.

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

John Hooker  IA 

I inspected the make / model Boeing 7800 ELT system in this aircraft according to applicable FAA guidance and found that it meets the requirement of section 91: 207 (d). Battery replacement due June/2014

ALTERATIONS
DATE NUMBER OF
SPECIFIC ENTRIES.)

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

FAA - PMA

This tag certifies that Sky-Tec Model No. 122-NL
Serial No. CN-491301 was manufactured new on 17 Dec 2013

by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 7 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).

This article has been determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 5557Q by [REDACTED]
(Aircraft) (Mechanic)

Form CC1108-1

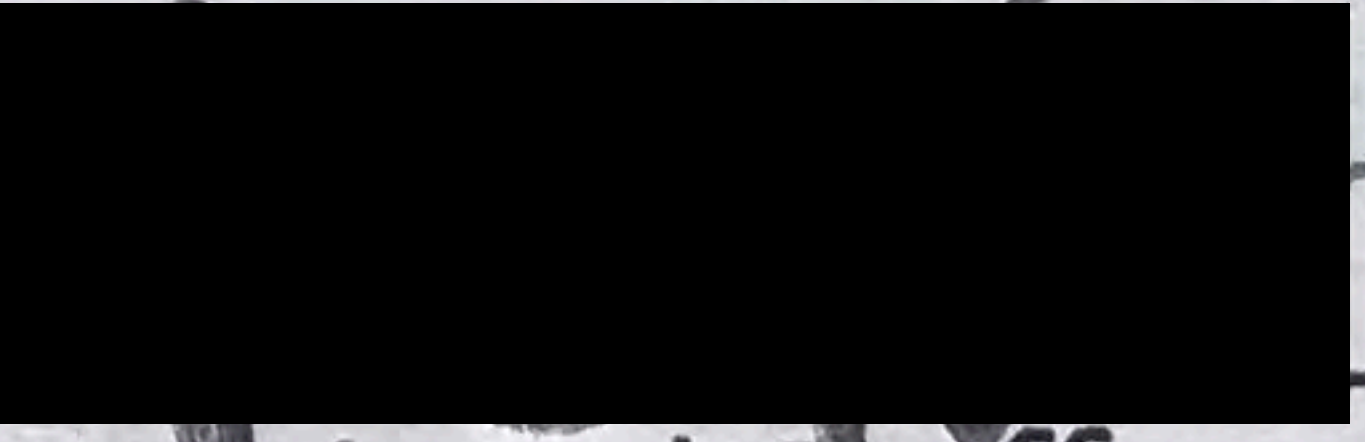
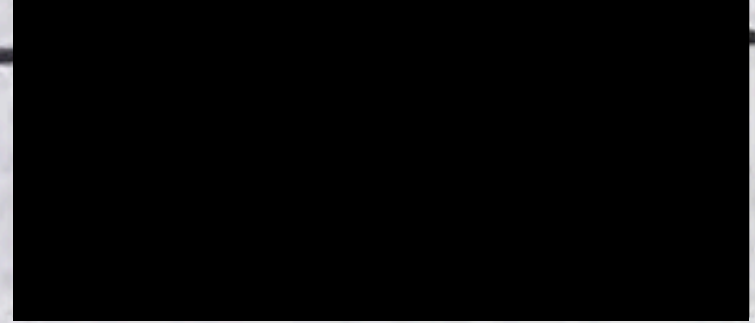
Mooney M20C, N5557Q, S/N 2967 Tach 3276.8

Removed Delco-Remy 1109519. installed Skytec
122NL, S/N 491301, IAW Installation Instructions
NL,NL/ec, NLR&NLR/ec dated 11/27/2002.

Replaced starter wire (starter solenoid to starter)
with new. Functional check OK. Instructions for
Continued Airworthiness: No maintenance required
before 2700 TBO, overhaul at factory. Weight
and balance updated.

May 2nd, 2014

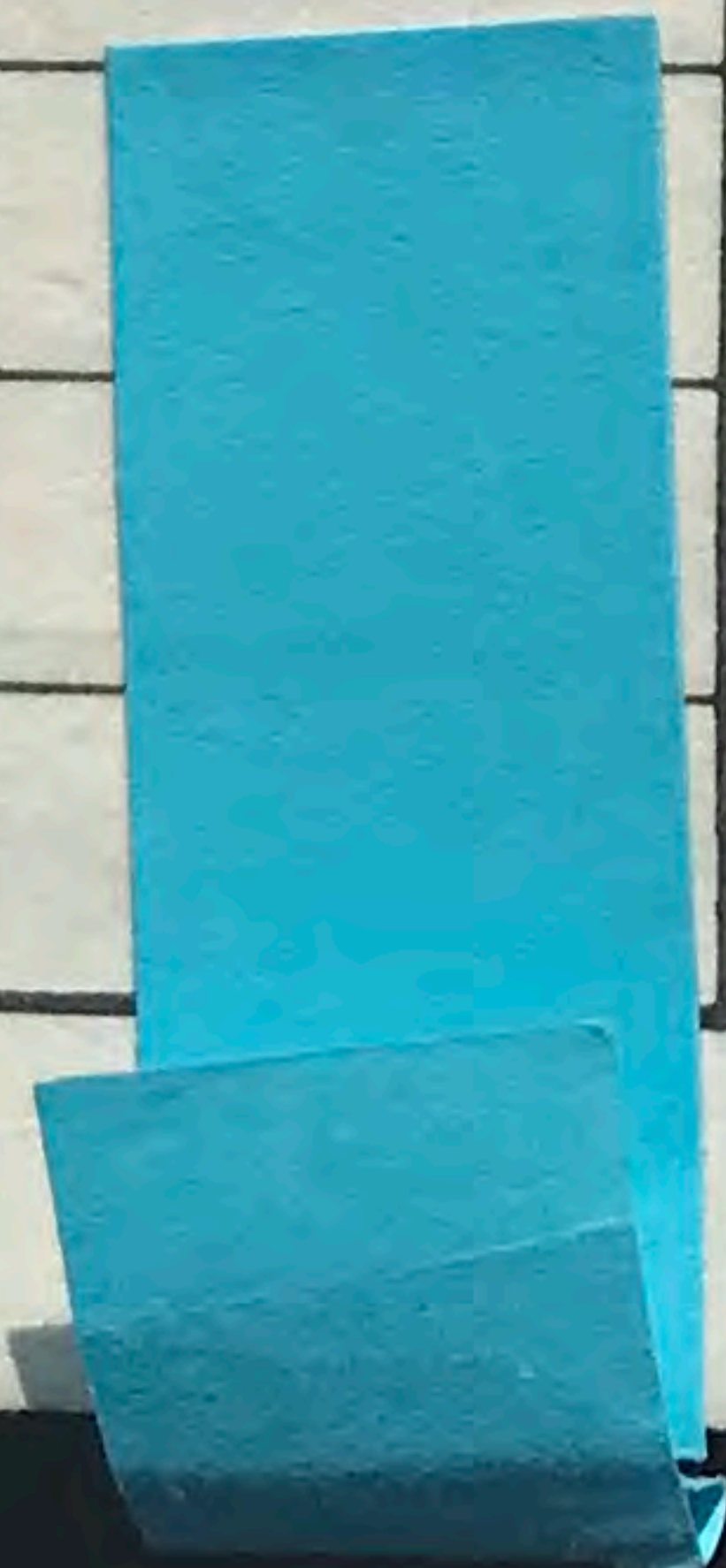
G. Deffner, [REDACTED] A&P

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				
				Mooney M20C, S/N 2967, N5557Q, Tach: 3291.97 Aircraft inspected in accordance with an annual inspection as per FAR 43, Appendix D, using M20 Series Service Manual 104. Checked all control cables & push-pull/torque tubes, lubricated all bearings, pulleys and bellcranks. Checked control surfaces for smooth operation and freedom of movement. Checked fuel and hydraulic lines (brakes and landing flaps) and hoses for leaks, secure mounting & no chafing. Checked fuselage, wings & empennage for internal corrosion, none found. Put aircraft on jacks, re-packed wheel bearings, inspected gear & performed gear retraction test. Serviced battery, replaced Brackett air filter element B6108 with new, replaced brake lining on right main gear. Tested ELT IAW FAR §91.207 (d), battery found to be out of date. Search of airframe and appliance ADs using http://www.faa.gov/regulations_policies/airworthiness_directives/, all complied with, see listing for details. AD 73-2101 c/w by inspection, due again @ 3414.35 or 2015 annual. AD 75-09-08 c/w by inspection, due again @3414.35. AD 76-07-12 c/w by functional check, due again @ 3414.35. AD 77-17-04 due again 3729.64. AD 85-24-03 c/w by inspection, next due at 3414.35 or 2015 annual. I certify that this aircraft was inspected in accordance with an Annual Inspection and was found to be in airworthy condition. Date: 09-12-2014  Gerhard Deffner,  A&P, IA

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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3/20/2018 T-3561.13 AFTT-3561.13 Annual Inspection
 Removed all body panels, lubed all cables and pullies, inspect airframe,
 and reinstall all body panels after work was accomplished. Installed new
 RG35AXC battery, SN-40916441. Checked all lights, beacons and
 strobes. Installed new right wing nav light bulb. Removed all wheels,
 clean, inspect, and grease bearings/races. Inspected main fuel screen.
 Installed new, BP1030, ELT battery, exp date, 3/20. Complied with
 FAR91-207d. Installed serviceable prop, HCC-2YK-1BF, SN-CH4409.
 Check all AD thru 18-05. See AD compliance record, dated 3/18, for
 details. All work performed IAW FAR43, Appendix D and AC43.13
 1B/2A and applicable maintenance manual. This aircraft is returned to
 service. Charles Schandelmeier, [REDACTED]

I CERTIFY THAT THIS Aircraft HAS
 BEEN INSPECTED IN ACCORDANCE WITH A
Annual INSPECTION AND WAS FOUND
 TO BE IN AIRWORTHY CONDITION.



[illegible]

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
20/9				
5-12	3595.88		3595.88	
				Inspected and tested ELT I/O/W Fan 91-207 d. battery exp. 3-2020
				Performed annual Inspection I/O/W Fan 43 Appendix "D" and
				was determined to be in airworthy condition.
				Performed gear retraction and extension, no defects noted.
				Review ADs for compliance.
AD	73-21-01			Flight controls, landing gear syst. epw Visual + Lub.
				as per AD due Insp. at 5-2020
AD-	75-09-08			Engine mount Members epw Visual no defects noted
				due Insp. at 3695.
AD	77-17-04			Control Wheel Shaft P/epw due at 3729.64
AD	85-24-03			Fuel Tank Bays and rib Stations Insp. epw Visual
				due Insp. after tank resealed next page →

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8069				
5-12	3595.88		3595.88	
AD 98-24-11				Altitude control links N/A P/cw
AD 76-07-12				Ignition Switch e/w by ops checked due at 3695.88
A				I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Alberto Marin AD [REDACTED]