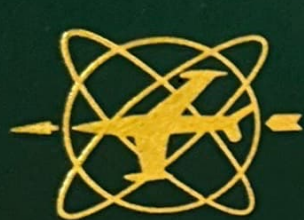


N3716H

UNITED
STATES

2



The Standard

AIRCRAFT LOG

ASA-SA-1

DATE 19 <u>97</u>	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.)
2/20/97	1302		1302	THIS DATE STARTED NEW LOG (#2) TO CORRESPOND WITH NEW ENGINE & PROP LOG AFTER OVERHAUL. VOR check @ HWV IN GROUND CCC 117-20 DESIG. check NAV1 + 2 VARIES $\pm 1^\circ$ IN ACCORDANCE W/ FAR 91/171 & pms. / Wm RP 148661660
				ANNUAL DUE 12/30/97 ✓ done
				TRANSPONDER / STATIC CHECK DUE 6/97 ✓ done
				ELT BATTERY DUE 1/98 done ✓
1/07/97	1309		1309	THIS DATE REMOVE ANALOG TACHOMETER AND CABLE, INSTALL NEW HORIZON ELECTRONIC TACH ON IAMP CB, IAW MFG. INSTALLATION INSTRUCTIONS PER STC # SA5844 N/AEE FORM 337, POH SUPPLEMENT NO CHANGE IN W+B. p.m. 43.13 John Galligan 134583898A+Y

[illegible]

DATE
19 97

Mooney
N 3716 H

Serial No: 24-0911
Tach: 1356

4/9/97 At this time this aircraft was refurbished, and the following materials comply with FAR 25.853.

Seats & Wall Panels: Tritalia Leather - Mushroom

Headliner & Upper Plastics: DBS - Eurostretch

Carpet: Glen Eden - Jaupestone

Seatbelts: Aircraft Belts, Inc.

AIP James E. Tolman # 209643208

Date 18 APR 97

Aircraft Interiors By Steve, Inc. (PH: 803-238-7328)

DATE
19 97

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.)

4/9/97

1358

1358

VOR check IFR currency. ENROUTE MYR-FRY OVER CRF VOR
DIFF BET #1 & #2 $\pm 1^\circ$ IAW FAR 91/171 p.m.a. 148661660

4/12/97

1360

1360

REMOVE & REPLACE WITH FACTORY NEW: VSI PN 7000 C-31
UNITED INST W/ LITE TRAY. SN 273281. FROM MIDCONTINENT
SEE W/O 3001815 & FAA FORM 8130-3 TTB ON FILE.
REPLACEMENT W/ EQUIV. OR BETTER PART, NO CHANGE IN
WEIGHT & BALANCE, PER FAR PART 91-43.13

John W. Gaudin 134583898 AIP

DATE 19 <u>97</u>	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.)
<u>5/8/97</u>				Mooney M20J S/N 24-0911 N 27164
	(1375)			Removed 52D254 DG. Installed 52D136-1333
				HSI, 1C707 NAV Converter. Removed King K1203
				NAV IND. Form 337 completed.
				New Empty Weight 1795.4
				New Empty C.G. 45.0
				New useful load 944.6
				<i>ABulmer</i>
				THREE WING AVIONICS REPAIR STATION SL52201N STRATFORD, CT 06497

DATE 19 ____	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.)
<u>5/8/97</u>	<u>1375</u>			Removed and replaced existing VSI with mid-continent
				warranty exchange P/N 7000 C.31 S/N 273324 Lot # 7119
				no change to weight and balance, maintenance release to
				this log. Three Wing Avionics
				CRS # SL52201N
				I certify that the altimeter and static system
				tests required by FAR Part 91.911 have been
				performed. The altimeter has been tested to
				<u>212000</u> feet. W/O # <u>7118</u>
				Signature <u>David Kera</u>
				Date <u>5/8/97</u>
				THREE WING AVIONICS STRATFORD, CT 06497 CRS SL52201N
				The ATC Transponder tests and inspections
				required by F.A.R. 91.417 were performed this date
				and found to comply with F.A.R. 43 Appendix E.
				Make <u>King</u> Model <u>K1203</u> S/N <u>15482</u>
				Make <u>King</u> Model <u>King</u> S/N <u>King</u>
				W/O # <u>7118</u> Date <u>5/8/97</u>
				Signed <u>David Kera</u>
				THREE WING AVIONICS STRATFORD, CT 06497 CRS SL52201N

DATE 19 <u>97</u>	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.)
6/27	1355			VOR check enroute, variance LHW #1 & #2 52° Dev VOR - TNU VOR. in accordance with FAR 91/171 Wane 1890400
7/2/97	1400			REPLACE/REWIRE LANDING GEAR BULB & check chafing. replace/re-position transponder antenna outside belly pan. Reposition speedbrake switch to panel above throttle control knob, install circuit breaker & attendant wiring per precise plate installation manual, see previous installation at Air Mkt & Repair. VOR check enroute between JFK & DPK variance ± 2° 1890400/FAR 91/171

DATE 19 <u>11</u>	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.)
				12-28-97 Tack 1434 Complete A/C tube serviced battery and hyd Res. Insp & lubed gear checked R-59-27 & Retraction. Insp ECT ITR FAR 91/207. Repaired baggage door.
				I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>1890400</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION TIME IN SERVICE <u>1434</u> DATE <u>12-28-97</u> SIGNED <u>[Signature]</u> <u>2055282570T</u> FLYING TIGERS INC. 717-653-8181

DATE 19 <u>97</u>	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.)
12/28	1435		1435	VOR check enroute N71-FRG Between LRP 117.3 + ARD 108.2. Variance between #1 + #2 $\pm 1^\circ$ in accordance w/ FAR 91/171 + reg'd paragraph. Mmm PP 148661660
2/2/98	1442		1442	Replace ELT Battery w/ ELT 6-8 D+M. Mmm PP 148661660



DATE 19 ____	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.)
FEBRUARY 24, 1998				REMOVED #2 KXTSB NAV/COMM - INSTALLED NORTHSTAR M3 GPS SYSTEM AND INTERFACED WITH THE EXISTING NSD360A HSI - REWIRED K1204 INDICATOR TO ACT AS REPEATER FOR #1 NAV SYSTEM - INSTALLED NORTHSTAR C1 SMART COMM AS #1 SYSTEM - ALL WORK PERFORMED IN ACCORDANCE WITH AC43.13-1A & AC43.13-2A - FAA 337 FORM HAS BEEN FILED - AIRCRAFT WEIGHT & BALANCE HAS BEEN REVISED - OPS CHECKED ALL AFFECTED SYSTEMS - END
EXCEL AVIONICS BRAINARD AIRPORT HARTFORD, CT 06114 FAA REPAIR STATION NO. XL6R743J				MAINTENANCE RELEASE The aircraft and/or component identified above was repaired and inspected in accordance with FAA Regu- lations and was found airworthy to return to service. Pertinent details of the repair are on file at this agency under work order: No: <u>2895</u> Date: <u>2-24-98</u> Signed:

DATE 19 <u>98</u>	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.)
2/28	1454		1454	REMOVE BFG WX900 STORMSCOPE + SEND TO FACTORY FOR SOFTWARE UPDATE 1.25, REINSTALL, CHECK FOR OPS, TEST QC. <i>(MMA PD 148661660)</i>
3/20/98	1454		1454	INSTALL FACTORY NEW RC ALLEN ELECTRIC ATTITUDE INDICATOR IN ACCORDANCE W/ MFG. SPECS + FAR 43J3, 3A FUSE IN-LINE. KI 203 INDICATOR + ATTENDANT WIRING REMOVED. NO APPRECIABLE CHANGE IN W+B

DATE 19 <u>98</u>	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.)
4/1	1463		1463	REPLACE MC BATTERY W/ CONCORDE RG 35XC Serial # CBC 318022. SERVICE TERMINALS. FACTORY NEW UNIT BOOST CHARGED BEFORE INSTALL AS SPEC'D BY MFG. INSTRUCTIONS. <i>(MMA PD 148661660)</i>

STARTER STC
INSTRUCTION BY
FLYING TIGERS
WORK ORDER #?
Find Receipt
and note.

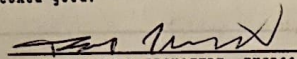
TYPE
SERIAL
TYPE O
SERVICE
MECHANIC

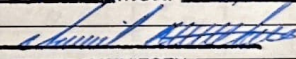
TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1568.	1568.	COMPLETED ANNUAL INSPECTION - IAW MOONEY FORM. INSPETS REG. OF FAR PART 43 APP. D.
		Replaced both main wheel BEARINGS + RACE.
ADS CK'd IAW BW 98-25		Replaced ALL BRAKE PADS, POLISHED + REAMED BOTH BRAKE CALIPER GUIDE PINS + MOUNTING BOLT HOLES, perform RETRACTION EMERGENCY EXTENSION + pre-load check.
		Replaced VAC FILTERS + L.H. STRAP FLASH TUBE, FABRICATE EMPLOYAGE FAIRING + PAINTED 3 COLORS, c/w 85-24-03 FUEL CAPS IAW 5.B. M20-229A, c/w 76-07-12 OPS CK. 16W. SW. c/w 98-24-11 MILKON LINKS AS PER

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.)
1/8/99	1568.	-	1568.	MOONEY 5.B. M20-264 (REINFORCED RODS) CONTROL TRAVELS CK'd IAW MOONEY MANUAL.
				Tachometer 1568. Total Time 1568. I certify that this (aircraft) has has been inspected in accordance with a ANNUAL inspection inspection and was determined to be in airworthy condition.
				Time since last insp. 134.
				Dated 1/8/99, W.O. # N/A
				Signed <u>[Signature]</u>
				Air - Mods & Repair Inc. Old Bridge Airport (3N6) 182 Pension Rd. English Town. N.J. 07726 (908) 446-0703 DAVID MATHIESEN A & P 139641126 I.A.

DATE 19__	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.)
1/22/00	1617	-	1617	Completed ANNUAL INSP. IAW MOONEY Form meets Req. of FAR PART 43 Appendix D. Replaced NOSE TIRE, L.H. STROKE & Both Recg. LIGHTS, Repaired RIVET LEAK L.H. INBL. TANK, Replaced windshield w/new 1/4" GREEN TINT. C/W AD 85-24-03 FUEL CAPS IAW S.B. M20-229A. Replaced ELT BATTERY NEXT DUE 12/01 ELT INSPECTED IAW FAR 91.207(d), Replaced UPPER VERTICAL STABILIZER SKIN with P/N 450000-007, due to NAV ANTENNAS MOVED FROM VERTICAL FIN TO INSIDE WING TIPS, installed LIGHT RING FOR STDBY ARTIF. HORIZON

DATE 19__	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.)
1/22/00	1617		1617	Tachometer <u>1617</u> Total Time <u>1617</u> I certify that this (aircraft/engines) has been inspected in accordance with a ANNUAL (301.201) inspection and was deter- mined to be in airworthy condition. Time since last insp. <u>49</u> Dated <u>1/22/00</u> W.O. # <u>N/A</u> Signed <u>David Mathiesen</u>
				Alr-Mods & Repair Inc. Old Bridge Airport (3N6) 182 Pension Rd. English Town N.J. 07728 (908) 446-0703 DAVID MATHIESEN A & P 139641126 I.A.

DATE 19__	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.)
				CRS#: TH5R223N VIP AVIONICS, INC. BRAINARD AIRPORT HARTFORD, CT 06114 10/27/00 N3716H M20J WO# 5087 MOONEY S/N: 24-0911 1- Remove Century Flight Systems Century 21 autopilot computer p/n: 1D772-0001 s/n: 060D for service. Reinstalled serviced unit into aircraft and system ops checked good.  AUTHORIZED SIGNATURE TH5R223N

DATE 19__	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.)
1/23/01	1659		1659	completed annual insp. saw mooney form. meets Req. of FAR PART 43 APP. D. c/w 85-24-03 fuel caps saw S.B. 229A. c/w 76-07-12 Bendix 16V switch ops CK. c/w FAR 91.207 (d) ELT insp. Tachometer <u>1659</u> Total Time <u>1659</u> I certify that this (aircraft) (aircraft) has been inspected in accordance with a ANNUAL (2000) inspection and was deter- mined to be in airworthy condition. Time since last insp. <u>42</u> Dated <u>1/23/01</u> W.O. # <u>W/A</u> Signed  DAVID MATHIESEN A & P 139641126 I.A

DATE 19__	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.)
2/25/03	1755.7		1755.7	c/w Annual Insp. 1/4/w Mooney Form & items Req'd by FAR 43 app. D. c/w 91.207 (d) ELT Insp. c/w A.D. 85-24-03 Fuel caps 1/4/w S.B. 229A. c/w A.D. 76-07-12 Bendix ign. switch by insp. Shimmer steering horn for proper clearance Replaced alternator w/ OH'D unit ALX-8521 s/w C113383 (see 813D-3, Electrosystems, Inc.) Adjusted L/H clamsell gear door for clearance. Performs retraction test O.K. Replaces call window seal. Bled L/H Brake lines. →
AIR-MODS & REPAIR INC. OLD BRIDGE AIRPORT (3N6) 182 PENSION RD. ENGLISHTOWN N.J. 07726 (732) 446-0703				

DATE 19__	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.)
2/25/03	1755.7		1755.7	tachometer <u>1755.7</u> Total time <u>1755.7</u> certify that this (aircraft) (engine) has been inspected in accordance with a ANNUAL (100 HOUR) inspection and was deter- mined to be in airworthy condition. Time since last insp. <u>44</u> Dated <u>2/25/03</u> W.O. # <u>N/A</u> signed <u>[Signature]</u> Thomas J. Gray A&P 155682675 LA.
AIR-MODS & REPAIR INC. OLD BRIDGE AIRPORT (3N6) 182 PENSION RD. ENGLISHTOWN N.J. 07726 (732) 446-0703				

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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N3716H 02/02/04 Tach: 1840.3 ACTT: 1840.3 Since last insp: 84.6

- C/W Annual inspection & servicing IAW Mooney insp. form and requirements of FAR 43, App. D.
- CW AD 76-07-12R1 Bendix ign. Switch IAW SB 583.
- CW AD 85-24-03 Fuel system IAW S.B. 229a.
- CW FAR 91.207(d) ELT by insp. and ops check.
- Replaced ELT battery, new exp. Date: 10-05
- Replaced nose gear turn limit decals w/ new.
- Replaced both flexible brake lines in wheel wells w/ new.
- Replaced all brake linings w/ new.
- Replaced 3 rivets in LH cowl flap hinge attach point.
- Shimmed cowl flap linkage for wear as needed.
- Replaced main battery ground cable w/ new.
- Cleaned engine to airframe ground contact points.

Continued...

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair

N3716H 02/02/04 Continued:

- Replaced both wheel well rat socks (air seals) w/new.
- Remounted 3ea. Static wick bases w/ new hardware as req'd.
- Patched nose gear tunnel lower cover plate.
- Replaced RH nav light ground point & ops check good.
- Replaced pitot heat ground attach point & ops check good.
- Re-attached pilot's sun visor.
- Replaced 2 ea. Instrument panel glare shield light bulbs.
- Replaced all instrument panel isolator mounts w/ new.
- Cleaned surface rust from main gear retract tubes, reinstalled, checked rigging and preloads against factory specs, 5 retract tests satisfactory.
- Tightened LH center drag link pivot bolt and re-saftied.
- Replaced both main tires w/ new Air Hawk 6:00x 6.
- AD compliance checked thru bi-weekly 04-02

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

Thomas J. Gray
A&P 2777905 LA

Air Mods And Repair
Trenton- Robbinsville Airport (N87)
Robbinsville, NJ

N3716H 2-16-05 Tach: 1894.50 ACTT: 1894.50 Since last insp: 54.2

- C/W Annual inspection & servicing LAW Mooney insp. form and requirements of FAR 43, App. D.
- C/W FAR 91.207(d) ELT by insp. and ops check.
- C/W AD 85-2403 Fuel cans LAW Mooney S.R. M70-229a
- AD compliance checked thru bi-weekly 05-03.
- Replaced ELT battery. Next due 02-07.
- Replaced forward rod ends of both the left and right elevator aft-most push-pull rods. Checked elevator rigging as per Mooney manual.
- Replaced landing gear warning horn with new unit.
- Replaced stall warning horn with new unit.
- Shimmed nose gear steering horn as required.
- Replaced nose gear retract truss bushing with .010" oversized LAW STC# SA3540NML Reference 337 dated this date.
- Replaced both brake discs and all linings with new.
- Replaced ruder aft-most control rod end. Checked rigging.
- Removed and neutralized bird's nest in tail.
- Treated whole aircraft with ACF-50 as a corrosion precaution only.
- R&R propeller and replaced alternator belt with new.
- CONTINUED...

DATE
19__

N3716H 2-22-06 Tach: 1955.40 ACTT: 1955.40 Since last insp: 60.90

- C/W Annual inspection & servicing IAW Mooney insp. form and requirements of FAR 43, Appendix D.
- C/W FAR 91.207 (para. d) ELT by insp. and ops. check.
- C/W AD 76-07-12 R1 Ignition switch IAW Bendix S.B. # 583,
- C/W AD 85-24-03 Fuel system (part b) IAW Mooney S.B. # M20-229a.
- AD compliance checked thru bi-weekly 06-02.
- Replaced both the right and left nav. light bulbs.
- Replaced belly strobe light bulb.
- Replaced seals in right brake caliper; bled system.
- C/W Mooney S.B. # M20-289a aileron links by installation of kit # M20-289-000.
- Replaced right main landing gear, outboard retract link with new unit.
- Replaced nose gear shock discs with new.
- Shimmed nose gear center retract link as required.
- Repaired multiple pitot-static system leaks as required.
- Replaced pilot defroster scat hose.

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

Bret Gilligan
A&P 2602905 IA

Repairs and Alterations

(List all repairs and alterations made to the aircraft, including the date and Certificate Number of Technician or Repair entries.)

DATE
19__

Techjet A&M certifies that the Altimeter/Altimeters, ADC, altitude reporting and static system tests required by FAR part 91:411 was performed in accordance with and comply to Appendix E of part 43. The ~~X~~#1, ~~()~~#2, ~~()~~#3 altimeter(s) are certified for a maximum altitude of 20,000 feet.

Altimeter #1P/N	<u>101627-11705</u>	S/N	<u>C117942</u>	Make	<u>AEROSONIC</u>
Altimeter #2P/N	<u>X</u>	S/N	<u>X</u>	Make	<u>X</u>
Altimeter #3P/N	<u>X</u>	S/N	<u>X</u>	Make	<u>X</u>

The aircraft is returned to service. CRS# J6MR763X

Signature

Date: 2/19/07 Work Order# 218

or Repair

Aircraft: Make MOONEY . Model M20J . Reg# 3716H . s/n 24-0911
Customer: STEVE FEDEL
Technician performing test: M. Tona

Transponder Position	Part number	Serial number	Manufacture
#1	<u>KT76A</u>	<u>16482</u>	<u>KING</u>
#2	<u>X</u>	<u>X</u>	<u>X</u>

Techjet A&M certifies that the (✓) #1 transponder (✓) #2 Transponder tests required by FAR 91:413 were performed in accordance with and comply to Appendix F part 43. The aircraft is returned to service. CRS#J6MR763X.

Signature

Date

Work Order

Altitude	Pressure Hg	Tol. +/- ft	Altimeter
-1000	31.018	20	-20
0	29.921	20	-20
500	29.385	20	-20
1000	28.856	20	-20
1500	28.335	25	-20
2000	27.821	30	-20
3000	26.817	30	-20
4000	25.842	35	-20
6000	23.978	40	-10
8000	22.225	60	-10
10000	20.577	80	-10
12000	19.029	90	-10
14000	17.577	100	-10
16000	16.216	110	-10
18000	14.942	120	-10
20000	13.750	130	-10
22000	12.636	140	
25000	11.104	155	
30000	8.885	180	
35000	7.041	205	
40000	5.538	230	
45000	4.355	255	
50000	3.425	280	

ALT PART NUMBER: 101627-11705
SERIAL NUMBER: C112942
MANUFACTURE: AEROSONIC
POSITION: 5ms/slc DATE: 2/19/07
CRS#J6MR763X

DATE
19__

*Air Mods And Repair
Trenton- Robbinsville Airport (N87)
Factory Authorized Mooney Service Center*

- N3716H 2-21-07 Tach: 2006.44 ACTT: 2006.44 Since last insp: 51.04
- C/W Annual inspection & servicing IAW *Mooney* insp. form and requirements of FAR 43, Appendix D.
 - C/W FAR 91.207 (para. d) ELT by inspection and ops. check.
 - C/W AD 76-07-12 R1 Ignition switch IAW *Bendix* S.B. # 583.
 - C/W AD 85-24-03 Fuel system (part a) IAW *Mooney* S.B. # M20-229a.
 - AD compliance checked thru bi-weekly 07-03.
 - Dressed and painted blades.
 - Checked blade track.
 - Repaired static system leaks as required.
 - Tightened multiple flight control and ldg. gear system bolts as required.
 - Replaced ELT battery with new. Next due 04-2009.
 - Cleaned and lubed all brake caliper guide pins.
 - Treated tail with *ACF-50* as a corrosion preventative.
 - R&R rudder & elevator push tubes to clean and paint.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
David Mathiesen
A&P 2777904 IA 

Repairing and entries

***Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center***

N171611 3-06-08 Tach: 2017.5

Aircraft preflighted and found to be safe for a one-time ferry flight from KCMJX to N87 for purpose of an Annual inspection. AD compliance checked thru BI-weekly 08-04. (A)

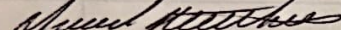
Thomas J. Gray
A&P 2777905

Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center

N3716H 3-26-09 ACTT: 2059.34 Tach: 2059.34 Since last insp: 41.74

- C/W Annual inspection & servicing IAW Mooney inspection form and requirements of FAR 43 Appendix D.
- C/W AD 85-24-03 Fuel system IAW SB 229 (a) Next Due: 3-2010
- C/W AD 76-07-12R1 Ign. switch IAW SB# 583 Next Due: Tach 2159
- C/W FAR 91.207 (d) ELT by insp. and ops check. New Battery exp. 4/11
- AD compliance checked thru bi-weekly 09-06
- Replaced fresh air tubing in headliner and secured vents.
- Retorqued all landing gear system hardware as required.
- Replaced RH wing fuel drain w/ new.
- Replaced trim jackscrew and boot w/ new and checked rigging.
- Replaced main ship battery w/ new Gill G-35.

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


 David Mathiesen
 A&P 2777904 IA

ons
 of Technician or Repair

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.)
10-2010				
3/5/10	2077.3		2077.3	COMPLIED WITH AN ANNUAL INSPECTIONS. CHECKED LIGHTS. SERVICED A/C BAT. REPLACED INSTRUMENT AND VACUUM RELIEF FILTERS. REPLACED O-RINGS IN LH & RH BRAKE MASTER CYLINDERS. REPLACED NOSE WHEEL INNER WHEEL ASSY., BEATINGS & CONES. CHECKED ELT PER FAR 91.207 d. REPLACED ELT BAT. DUE TO CORRU.
				(ELT BAT. APRIL 2012). COMPLIED W/ AD 85-25-03. FUEL TANK INSP. C/W AD 76-07-12R1 IGN. SWITCH BY FUNCTION CHECK. COMPLIED WITH AD 68-14-07 EXT. FUEL INJ. LINES INSPECTION. REPLACED INDUCTION AIR FILTER. CLEANED FUEL STRAINER. REPLACED NOSE WHEEL. LUBED AIRFRAME. LUBED GEARS

→ NEXT PAGE PLS →

DATE 19__	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.)
2010				
3/5/10	2077.3		2077.3	COMPLIED WITH GEAR RETRACTION AND EXT.
	PR. PREV. PAGE →			COMPLIED EMERGENCY GEAR EXT. CHECKED GEAR
				LIGHTS & HORN. CHECKED AD COMPLIANCE THRU
				2010-04.
				I certify that this AIRCRAFT has been
				inspected in accordance with AN ANNUAL
				inspection and was determined to be in
				airworthy condition. <i>[Signature]</i>
				ALBERT A. ANGOLUAN AP 28570401A

DATE 19__	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.)
				Tail <u>N3716H</u> Date <u>03/24/10</u> Hours <u>2083.3</u>
				REPLACED VAC. PUMP w/ PART NO RA2150C,
				S/N A38805, TEST RAN & LEAK CHECKED
				at SATISFACTORY RESULTS. <i>[Signature]</i>
				Humberto Talavera 2777707 A&P
				Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666
12-3-10				Installed new G35 Aircraft Battery.
				<i>[Signature]</i> 1A2A1076

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.)
2011				
3/21	2095.6		2095.6	Inspected complete Aircraft. Checked all controls, cables, & pulleys. Cleaned fuel strainer screen. Serviced Aircraft batt
				Inspected ELT per FAR 91.207(d) battery expires 4/2012.
				Replaced Induction air filter element and vacuum relief filter.
				Repacked wheel bearings. Inspected brakes. Lubed Gear. Checked
				Gear retraction & emg. extension. C/w AD 85-24-03 by
				replacing Fuel cap o-rings. C/w AD 76-07-12 Bendix Switch
				by ops check. checked AD compliance thru BW 2011-05.
				I certify that this <u>Aircraft</u> has been
				inspected in accordance with <u>Annual</u>
				inspection and was determined to be in
				airworthy condition. <u>Frank Kurtz IA3509467</u>
				Frank A. Kurtz 3/21/2011

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				
4/2/12				Lubed flight controls. Lubed landing gear. Greased
Tach	2103.2			wheel bearings. Checked landing gear operation.
Total	2103.2			Cleaned fuel screen. Replaced ELT battery. Insp.
				ELT per 91.207(d), battery due 6/14. C/w 85-24-23
				by replacing fuel cap seals, due again at 4/13. or
				2203.2. C/w 76-07-12 by ops check, due again at
				2203.2. C/w 12-05-09 by Insp. Replaced vacuum
				relief filter. Serviced tires, battery and brakes. I
				have inspected this air frame in accordance with
				an annual inspection and find it to be in
				airworthy condition. <u>John Reill 26258133 IA</u>

Switlik Aviation Maintenance, Inc.

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Fort Myers, Florida 33907

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Date	Hour meter	Total time	---	---	---	---	---
03/20/2014	2144.1	2144.1	---	---	---	---	---

Lubed flight controls. Lubed landing gear. Greased wheel bearings. Checked landing gear normal and emergency operation. Cleaned fuel screen. Resealed left and right brake calipers. Replaced left and right brake pads. Replaced vacuum relief filter. Serviced tires, battery, and brakes. Inspected ELT per 91.207 (d), battery due 06/2014. Complied with AD 85-24-03 by replacing fuel cap seals, due again at 03/2015. Complied with AD 76-07-12 by operational check, due again at 2244.1. I have inspected this aircraft in accordance with an annual inspection and find it to be in airworthy condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

John A. Richardson

John A Richardson 262536133 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entrer Facility	ician or Repair																																																
				Altimeter Model 101627 SN C117942 <table border="1"> <thead> <tr> <th>Altimeter Reads</th> <th>Observed Reading</th> <th>Altimeter Reads</th> <th>Observed Reading</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>-20</td> <td>12000</td> <td>-50</td> </tr> <tr> <td>0</td> <td>-20</td> <td>14000</td> <td>-65</td> </tr> <tr> <td>500</td> <td>-20</td> <td>16000</td> <td>-45</td> </tr> <tr> <td>1000</td> <td>-20</td> <td>18000</td> <td>-25</td> </tr> <tr> <td>1500</td> <td>-20</td> <td>20000</td> <td>-100</td> </tr> <tr> <td>2000</td> <td>-25</td> <td>22000</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">X</td> </tr> <tr> <td>3000</td> <td>-25</td> <td>25000</td> </tr> <tr> <td>4000</td> <td>-20</td> <td>30000</td> </tr> <tr> <td>6000</td> <td>-25</td> <td>35000</td> </tr> <tr> <td>8000</td> <td>-30</td> <td>40000</td> </tr> <tr> <td>10000</td> <td>-40</td> <td>45000</td> <td></td> </tr> <tr> <td></td> <td></td> <td>50000</td> <td></td> </tr> </tbody> </table>	Altimeter Reads	Observed Reading	Altimeter Reads	Observed Reading	-1000	-20	12000	-50	0	-20	14000	-65	500	-20	16000	-45	1000	-20	18000	-25	1500	-20	20000	-100	2000	-25	22000	X	3000	-25	25000	4000	-20	30000	6000	-25	35000	8000	-30	40000	10000	-40	45000				50000		
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Tomlinson Avionics of Florida, Inc.

521 Danley Drive

Fort Myers, FL 33907

Repair Station No. V6TR097X

Switlik Aviation Maintenance, Inc.

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Date	Hour meter	Total time	---	---	---	---	---
03/20/2015	2189.7	2189.7	---	---	---	---	---

Lubed flight controls. Lubed landing gear. Greased wheel bearings. Checked landing gear normal and emergency operation. Replaced instrument air and vacuum relief filters. Cleaned fuel screen. Serviced tires, battery, and brakes. Replaced ELT battery. Inspected ELT per 91.207 (d), battery due 04/2017. Complied with AD 85-24-03 by inspection and replacement of fuel cap seals, due again at 2289.7. Complied with AD 76-07-12 by operation check, due again at 2289.7. I have inspected this aircraft in accordance with an annual inspection and find it to be in airworthy condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

John A Richardson 262536133 IA

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Date	Reg number	Airframe s/n	Tach/Hobbs	Total	---	---	---
04/01/2016	N3716H	24-0911	2227.9	2227.9	---	---	---

Lubed flight control. Lubed landing gear. Replaced main tires with Goodyear 5 00-6, 6 ply FS II. Greased wheel bearings. Checked landing gear normal and emergency operation. Replaced instrument air and vacuum relief filters. Cleaned fuel screen. All fuel quantity transmitters were repaired by Keystone instruments W/O 16-0225-1,2,3, and 4. Inspected ELT per 91.207 (d), battery due 04/2017. Complied with AD 85-24-03 by replacing fuel cap seals, due again at 2327.9. Complied with AD 76-07-12 by operational test, due again at 2327.9. Replaced battery with Gill G-35 s/n G02881240. I have inspected this aircraft in accordance with an annual inspection and find it to be in airworthy condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

John A Richardson 262536133 IA

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Reg. No.	Airframe s/n	Date	Engine s/n	Hobbs	T.T.	S.M.OH.	Cycles
N3716H	24-0911	4/1/2017			2255.2		

Inspected complete aircraft. Checked controls, push pull tubes and linkage. Inspected exhaust system. Cleaned fuel filter. Serviced and charged battery. Repacked wheel bearings and inspected brakes. Installed new RH brake pads. Resealed R&L Brake master cylinders. Bled brakes. Lubed landing gear and airframe. Replaced broken throttle switch actuator. Checked gear retraction and emergency extension. Installed new induction air filter element. Installed new fuel cap seals per AD85-24-03. C/W AD76-07-12 Bendix ignition switch operational check. Repaired fuel leakage in LH inboard forward fuel cell area. Checked light operations. Installed new instrument air filters. Inspected ELT and installed new battery. Operational checked per FAR 91.207 (d). Battery due replacement due 6/2019. Checked AD compliance thru BW17-06. I have inspected this Aircraft in accordance with an Annual inspection and have found it to be in airworthy condition.

Edmund Cartwright

Edward Switlik
IA2197076

[illegible]

Altimeter Model 101627-11705 SN C117942

Altimeter Reads	Observed Reading	Altimeter Reads	Observed Reading
-1000	0	12000	-25
0	0	14000	-55
500	0	16000	-70
1000	0	18000	-95
1500	+10	20000	-110
2000	-5	22000	
3000	-10	25000	
4000	+5	30000	
6000	-10	35000	
8000	-10	40000	
10000	-15	45000	
		50000	

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Date	Reg. number	Airframe s/n	Tach	Total	---	---	---
06/01/2018	N3716H	24-0911	2293.5	2293.5	---	---	---

Lubed flight controls. Lubed landing gear. Greased wheel bearings. Replaced left brake pads. Replaced landing gear warning throttle switch. Checked landing gear normal and emergency operation. Replaced left recognition light. Cleaned fuel strainer. Inspected ELT per 91.207 (d), battery due 06/2019. Complied with AD 85-24-03 by replacing fuel cap seals, due again at 2393.5. Complied with AD 76-07-12 by operational check, due again at 2393.5. I have inspected this aircraft in accordance with an annual inspection and find it to be in airworthy condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

John A. Richardson

John A Richardson 262536133 IA

DATE
19___

TOTAL
TIME IN
SERVICE

Manufactures' Mandatory Service Bulletins

Chronological Listing of Compliance and Method of Compliance

TOMLINSON AVIONICS OF FLORIDA INC.
521 DANLEY DR., FT. MYERS, FL. 33907
FAA CRS V6TR097X, DATE 8-13-19

REMOVED AIRSPEED P/N EA-5175-505PT-MON S/N 23603. HAD UNIT OVERHAULED
AND REINSTALLED SAME AIRSPEED LEAK AND FUNCTION CHECK OK

BY: *[Signature]*

N3716H

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Reg. No.	Airframe s/n	Date	Engine s/n	Tach	T.T.	S.M.OH.	Cycles
N3716H	24-0911	9/3/2019	L-21128-51A	2315	2315		

Inspected complete aircraft. Checked controls, push pull rods and linkage. Inspected exhaust system. Cleaned fuel filter. Installed new nose wheel bearing and race. Repacked wheel bearings and inspected brakes. Resealed RH brake caliper and installed new brake pads. Lubed landing gear and airframe. Checked gear retraction and emergency gear extension. Installed new Induction air filter element. Installed new G-35 battery, s/n G03034714. Checked light operations. Inspected instrument air filters. Cleaned and flushed R&L fuel cells and all plumbing. Installed overhauled fuel pump p/n A8163-A. Installed new R&L wing fuel cell caps and adapters. Cleaned, inspected and primed, R&L fuselage side wall steel tube framework. Inspected and operational checked ELT per FAR 91.207 (d). Installed new battery. Battery due 7/2021. C/W AD76-07-12 by operational check of ignition switch. C/W AD85-24-03, fuel cells and caps inspections. Checked AD compliance thru BW19-18. I have inspected this Aircraft in accordance with an Annual Inspection and have found it to be in airworthy condition.

Edward Switlik

Edward Switlik

IA2197076

DATE 19__	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
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						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional

DATE 19__	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange
01-07-97		tach hobbs 1309 N3716H Replaced engine tachometer with Horizon Model P-1000, p/n P1000-30-00, s/n 965103. Installation in accordance with installation manual P103050. and STC-SA5844NM. FAA-337 filed. Weight and balance has not changed. Operational check performed.
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☒ Addition of Required-Exchanged for Optional ☒ Removal of Required-Exchanged for Optional
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
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		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional

Memoranda

I certify the Altimeter and Static System tests required by FAR 91.411 have been performed to the operational requirements of FAR part 43 appendix E.

Altimeter mfg ROSONIC model 10627-1105
 s/n C117942 certified to DAW feet
 Atlanta Avionics Inc. MO9R992J
 126Y Singley Rd.
 Jackson GA 30233 by [Signature] date 12-8-20

I certify that the ATC Transponder test & inspection required by FAR 91.413 and Automatic Pressure Altitude Reporting test required by FAR 91.411 have been performed. Transponder complies with FAR part 43 appendix F. Encoder complies with part 43 appendix E (c).

Transponder model # KT76A s/n KINE
 Encoder model # ROSONIC 10627-1105 s/n C117942
 Atlanta Avionics Inc. MO9R992J
 126Y Singley Rd.
 Jackson GA 30233 by [Signature] date 12-8-20