

N2689W BOOK 4

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

2a

DATE

/ /



Freedom Aviation
310 Hangar Road
Lynchburg, VA 24502
(434) 237-3342
CRS# BGSR439C

CARRIED
FORWARD

Date: 5/1/2025; Aircraft: N2689W; Type: M20E; S/N: 1006; Tach: 2003.19, WO#: F25-0472

REPLACEMENT)

Airframe Entries

Removed upper and lower engine cowlings. Removed propeller spinner and top engine baffle. Removed nose gear doors, belly access panels and exhaust cavity fairings, empennage access panel and stabilator fairing. Removed solid rivets for two lower aft belly skins. Performed hidden damage evaluation and provided findings to owner. Reinstalled baffle spinner and cowling empennage and stabilator access panel. Reinstalled nose gear doors. Belly panels not reinstalled at this time.

Aircraft placed on jacks at time of recovery from gear up landing. Verified landing gear handle stowed in locked position. Turned on master switch and noted gear up light illuminated, pulled throttle to idle position and noted no aural gear warning horn. Pulled gear handle and moved gear to down position. Gear handle locked into gear down latch and gear down light illuminated dimly. Retracted gear and verified no aural gear warning horn in any throttle position. Inspected gear warning switch and determined switch not actuating. Wiggling of throttle control caused horn to sound intermittently. Extended gear and verified gear locked in down position and down and locked light illuminated.

Maintenance Release

The aircraft and/or component(s) as listed above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station.

[Signature]

JOE LEONARD CRS#: BGSR439C

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

MAKE: Mooney
MODEL: M20e
S/N: 1006
REG. NO: N2689W
WORK ORDER:
1096-06-2023



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 9/12/2023
A/C TSN: 3627.97
TACH: 1877.97

1a

1b

Airframe Entries

- I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
- Completed aircraft records research to determine compliance with Airworthiness Directives through bi-weekly 2023-18.
- Complied with 12 month ELT inspection and test IAW FAR 91.207. Removed ELT Battery and installed new battery IAW MERL, INC. INSTRUCTIONS FOR THE REPLACEMENT OF BP-1010 BATTERY PACK. Operational check good. New battery expiration date is 09/2025.
- Removed left and right MLG shock discs and installed new shock discs IAW M20E MM Section 5-3.
- Charged main battery IAW Concorde Component Maintenance Manual 24-30-71.
- Performed compass swing IAW AC 43.13B Ch 12.
- Removed and installed new induction air filter IAW M20 Series Service Maintenance Manual Chapter 3-1.
- Removed cylinder #2 exhaust riser and installed overhauled exhaust riser IAW M20E MM Chapter 3. Riser overhauled by Aerospace Welding, Certificate number UWD792L. Ref. 8130-3 work order 215214 Dated 20/JUL/2023.
- Complied with AD 73-21-01 Flight control and landing gear system lubrication. Next due 1977.97 hours, or 9/30/2024, whichever occurs first.
- Complied with AD 85-24-03 by inspecting fuel caps IAW Mooney SB 20-229A. Next due at tach time 1977.97.
- Installed fuel selector placards IAW M20E POH.
- Complied with AD 23-02-04. Inspected elevator balance weights and determined that hybrid weight is not installed IAW SB M20-345A. No further action required.
- Removed left tank fuel sender P/N: 5642354, S/N: 232241, and installed overhauled fuel sender P/N: 5642354, S/N: 232241. Sender overhauled by Air Parts of Lock Haven, CRS# QK1R429K. Reference 8130-3 #232344, Dated 25/Aug/2023. IAW M20E MM chapter 7. Operational and leak check good.
- Complied with AD 76-07-12 Bendix ignition switch operational check.
- Installed rear seat pouch panel IAW AC43.13-1B Chapter 3-27.
- Removed right tank fuel sender P/N: 5641991, S/N: 232344, and installed overhauled fuel sender P/N: 5641991, S/N: 232344. Sender overhauled by Air Parts of Lock Haven, CRS# QK1R429K. Reference 8130-3 #232344, Dated 25/Aug/2023. IAW M20E MM chapter 7. Operational and leak check good.
- Removed right main fuel quick drain and installed new quick drain IAW M20E MM Chapter 7. Leak check good.

The aircraft and/or component(s) on N2689W was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details and any inspection packages are on file at this facility under work order number 1096-06-2023.

DATE: 9/12/2023

SIGNED:

Mark Blackwood, A&P: 4484732 IA

Work Order: 1096-06-2023

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HORTON AVIATION SERVICES LLC FAA CRS YHSR-284L
2732 PERIMETER ROAD, SUITE 101 N. LAS VEGAS NV 89032
N# N2689W MFG. MOONEY MODEL: M20E S/N 1006 W.O. 23-221
DATE 09/12/2023 TACH: 1878.38

I CERTIFY THAT THE TRANSPONDER WAS TESTED AND INSPECTED AS REQUIRED BY FAR 91.413 AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

The aircraft and/or component above was repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this agency under above work order number.

1/27/2024 Tach: 1893.43 N2689W

Cleaned up surface corrosion on rudder and elevator push rods, and painted push rods white. Removed headliner plastics, left side window plastic fairing, and reattached headliner piece above pilot seat. Installed window fairing and plastics from headliner. This aircraft is returned to service for work reformed. END

Zack Morrison

A&P2887425IA

A/C: M20C N#: N2689W Date: 04/19/2024

Tach Time: 1906.29

Replaced Pilotside PTT switch as needed. Re-programmed GI-275 for inop heading condition. No change in weight and balance. This aircraft is approved for return to service Reference invoice #4530

Signed:

A/C: M20E N#: N2689W Date: 05/20/2024

Tach Time: 1908.50

Removed existing Garmin GPS430, and GA56 GPS antenna. Installed Garmin GNS430W, including Flightstream 210, and GA35 WAAS GPS antenna as per STC#SA01933LA-D. No change in weight and balance. This aircraft is approved for return to service. Reference invoice #4583.

Signed:

Date: 10/16/2024

Aircraft Make/Model: Mooney M20E

Aircraft Registration: N2689W

Total Aircraft Time: 1953.72

Description of Work Performed:

Removed Weldon fuel pump, P/N 8163A, S/N 09312, and replaced with overhauled Weldon fuel pump, P/N 8163A, S/N 09850. Overhaul performed by Aeromotors, LLC., certificate number 01MR357Y. Operated fuel pump and verified proper operation and no leaks detected.

Maintenance Performed by: Timothy S. Locke
Certificate Number: 3242140 A&P

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

6/29/24 N2689W TT: 3659.42 Tach: 1909.42

Drained oil and replaced with 7qts. Aeroshell 15w-50 oil.

Replaced oil filter with Champion CH48110-1. oil filter and

safety wire. Collected oil sample for analysis. Replaced

Air Filter with Brackett BA-6310. Engine test-run and

no leaks noted. Timothy S. Locke, Owner, A&P 3242140

Airframe N2689W M20E S/N 1006

Date 9/2/2024

TTSN 3668.6

TACH 1918.6

TSMOH 941.2

HOBBS

TSPOH

Replaced vac regulator filter, cleaned corrosion on aileron push/pull tubes and painted, TS RH fuel drain- found sealant covering drain holes in tank- cleaned sealant from holes and replaced drain valve, adjusted gear warning switch per s/m, installed missing grease fitting on RH MLG and lubed gear, tested ELT per 91.207 (d)- ok, CW AD 73-21-01 "main & nose gear lube" per AD- lubed complete gear, CW AD 85-24-03 "fuel cap inspection" per SB M20-229- ok, CW AD 76-07-12 R1 "mag switch" per AD- ok. I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition.

SIGNED

Kevin Booth A&P/IA 2764111

PAGE
TOTALS

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AIRCRAFT DATA

1. Nationality & Registration N 2689W
2. Manufacturer's Designation
(Make & Model) MOONEY M20E
3. Manufacturer's Serial
Number 1006
4. Type Approval or
Specification Number
5. Date of Manufacture 01/27/1966
6. Aircraft Inspection Cycle



TACH + 1750 = Total Time



The Standard

AIRCRAFT LOG

ASA/SA-1

DATE

19__

TOTAL
TIME IN
SERVICE

EQUIPMENT ADDITION, REMOVAL OR EXCHANGE

ITEM — MFG NAME — MODEL — SERIAL

☐ Addition of Optional Equipment

Date: 04-01-2022

Registration number: N2689W

Tach: 1828.85

Aircraft: Mooney M20E

S/N: 1006

TT: 3578.85

Optional
Optional

Replaced right main landing gear tire/tube with new. Re-sealed right fuel tank, leak check good. C/W AD 73-21-01(next due at tach 1928.85) by lubing all flight controls and landing gear, inspected landing gear preload torque, and performed a functional check of the landing gear manual retract system. C/W AD 76-07-12 by manually turning off ignition switch(next due at tach 1928.85). Replaced ELT battery with new P/N BP-1010 and performed ELT functional check, and inspected battery(**battery replacement due 06/30/23**). Lubed and inspected wheel bearings. Cleaned and inspected fuel selector strainer, leak check good. Performed engine run-up checks of engine, all checks satisfactory.

Optional
OptionalOptional
Optional

Lloyd Batiste

A&P 3566881

Optional
Optional

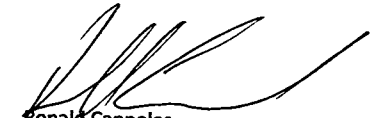
- ☐
- Removal of Optional Equipment
-
- ☐
- Addition of Required—Exchanged for Optional
-
- ☐
- Removal of Required—Exchanged for Optional

DATE 19__	TOTAL TIME IN SERVICE	CURRENT WEIGHT AND BALANCE INFORMATION			
		EMPTY WEIGHT	EMPTY C. G.	USEFUL LOAD	REMARKS
Date: 04-01-2022		Registration number: N2689W		Tach: 1828,85	
Aircraft: Mooney M20E		S/N: 1006		TT: 3578.85	
Performed Annual Inspection in accordance with FAR 43 Appendix D and reference to Mooney M20E checklist and all applicable Airworthiness Directives and continued airworthiness data. I certify this aircraft was inspected in accordance with an ANNUAL inspection and was found to be in an airworthy condition.					
Lloyd Batiste  IA/ A&P 3566881					

DATE 19__	TOTAL TIME IN SERVICE	EQUIPMENT ADDITION, REMOVAL OR EXCHANGE	
		ITEM — MFG NAME — MODEL — SERIAL	
Date: 04-01-2022		Registration number: N2689W	Tach: 1828.85
Aircraft: Mooney M20E		S/N: 1006	TT: 3578.85
Installed Triumph Interiors, LLC STC SA03333NY IAW STC installation instructions. See 337 this date. Weight and Balance negligible. Instructions for continued airworthiness included with 337. Performed minor repairs to trim and interior pieces in conjunction with installation of STC. Operations check OK. Installed repaired nose truss P/N LA155-940042-505(see WO# RO70.50.1#1) per LASAR, INC STC SA02349LA, dated June 6, 2011 (Lake Aero Styling and Repair Nose Gear Truss) IAW STC installation instructions LASAR Document No: INST-LA155 Rev B. Weight and Balance negligible. Instructions for continued airworthiness included with 337. Nose Gear lubricated and manual retract system check satisfactory.		or Optional or Optional or Optional or Optional	
Lloyd Batiste  IA/A&P 3566881		or Optional or Optional	
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required—Exchanged for Optional ☐ Removal of Required—Exchanged for Optional	

GTX 327 TRANSPONDER INSTALL

- Installed and secured GTX 327 in instrument Panel.
- Installed and labeled the circuit breaker in the pilot's circuit breaker
- Installed, routed, secured and terminated the wiring for the GTX 327
- Supplied the customer with the Instructions for Continued Airworthiness, document 190-00187-02, revision S and pilot guide 190-00187-00 revision D
- The GTX-327 installation has been accomplished per the Garmin GTX-327 installation manual 190-00187-00 revision D and AC 43.13


Ronald Cannoles
AP 3492942

Texas Turbine Conversions, Inc.

10699 PR 5117

Celina, Texas 75009

FAA CRS# 4N7R162D

Date: June 14, 2021

Work Order: 1009

Reg: N2689W

AC SN: 1006

AC TT: 1828.85

AC Tach: 1828.85

AC Hobbs: N/A

I certify that the altimeter and static system tests required by 14 CFR 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR 43, Appendices E & F.

Altimeter Model: Garmin GI275 Serial Number: 5MZ100794

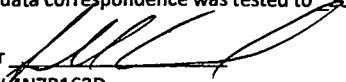
Altimeter Model: Garmin GI275 Serial Number: 5MZ101322

Altimeter Model: United 59934pa-1 Serial Number: 1J253

Transponder Model: GTX-327 Serial Number: 83725891

The altimeter was tested to 20,000 ft. on (date): June 14, 2021

Encoder data correspondence was tested to 20,000 ft. on (date) June 14, 2021

Inspector 

FAA CRS# 4N7R162D



PO Box 2228 Ph 406-453-7613
1940 Airport Court Fx 406-453-7204
Great Falls, MT 59403

Tail Number: N2689W Hobbs/Tach: 1814.05 Total Time: UNK
A/C Make: Mooney A/C Model: M20E Work Order: 82402

Ran aircraft, drained oil, took oil sample, removed oil filter, cut open and inspected, no defects at this time, installed new CH48110-1 filter, service with 8 Aeroshell W100 oil, saftied filter, ran aircraft, no leaks at this time.

I certify that the stated maintenance was performed in accordance with the current FAR's and is approved for return to service. Pertinent details of this repair are on file at this repair station on the above work order.

Signed:

CRS# HOQR040K

Date: 26-Jun-2020

June 14, 2021

N2689W

S/N: 1006

Aircraft Tach: 1828.85

GI-275 ADI AND HSI INSTALLATION (STC SA02658SE)

- Fabricated the Pilot Instrument Panel utilizing 0.063", 6061-T6 Aluminum
- Installed and secured the GI-275 ADI (p/n 011-04489-30 s/n 5MZ100794)
- Installed and secured the GI-275 HSI (p/n 011-04489-30 s/n 5MZ101322) in the Pilot's Instrument Panel.
- Installed and labeled the circuit breaker in the pilot's circuit breaker
- Installed, routed, secured and terminated the wiring for the GI-275's
- Supplied the customer with the Instructions for Continued Airworthiness, document 190-02246-11, revision 4.
- The Airplane Flight Manual Supplement, document 190-02246-12, revision 7, has been inserted into the aircraft.
- The GI-275 installation has been accomplished per the Garmin GI-275 Part 23 AML STC Installation Manual, 190-02246-10, revision 11, in accordance with STC SA02658SE

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(Continued on page 2)

Date: 01-18-2020 Registration number: N2689W Tach: 1757.25
Aircraft: Mooney M20E S/N: 1006 TT: 3507.66

Installed new Concorde sealed aircraft battery RG-35AXC, replaced o-rings in brake master cylinder, bled brakes and serviced with MIL-5606, replaced bushing and hardware on nose steering horn, nose steering rig checked, C/W AD 73-21-01(next due at tach 1857.25) by lubing all flight controls and landing gear, inspected landing gear preload torque, and performed a functional check of the landing gear manual retract system. C/W AD 76-07-12 by manually turning off ignition switch(next due at tach 1857.25). Performed ELT functional check, and inspected battery(battery replacement due 1/2021). Lubed and inspected wheel bearings. Installed uAvionix ADSB-out LED tail beacon STC SA04427CH and meets equipment performance requirements of 14 CFR section 91.227. Cleaned and inspected fuel selector strainer, leak check good. Performed engine run-up checks of engine, all checks satisfactory.

Lloyd Batiste
A&P 3566881

Date: 01-18-2020 Registration number: N2689W Tach: 1757.25
Aircraft: Mooney M20E S/N: 1006 TT: 3507.66

Performed Annual Inspection in accordance with FAR 43 Appendix D and reference to Mooney M20E checklist and all applicable Airworthiness Directives and continued airworthiness data.

I certify this aircraft was inspected in accordance with an **ANNUAL** inspection and was found to be in an airworthy condition.

Lloyd Batiste
IA 3566881

HORTON AVIATION SERVICES LLC FAA CRS YHSR-284L
2732 PERIMETER ROAD, SUITE 101 N. LAS VEGAS NV 89032
N# N2689W MFG.MOONEY MODEL M20E S/N 1006 W.O. 20-026
DATE 01/20/2020 TACH. 1757.50

TRANSPONDER M/N AT 50A

I CERTIFY THAT THE ATC TRANSPONDER WAS TESTED AND INSPECTED AS REQUIRED BY FAR 91.413 AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

The aircraft and/or component above was repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this agency under above work order number.

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
04/26/2018	N2689W	Tach 1590.4
Checked landing gear indication for proper rig. No defects noted. Re-clamped mixture control cable at oil pan attach point, and checked cable rigging.		
		
Edward Fandrich A&P 3453275		

12/14/2018 S/N 1006	N2689W	Tach 1675.43 ACFTT 3425.43	NCE.
Performed an Annual inspection on the Aircraft per CFR 43 appendix D, using the Against The Wind LLC. checklist and Mooney M20 service manual. Checked AD compliance thru 12/14/2018. Inspected ELT per CFR 91.207(d). Due again 12/2019. Removed and replaced ELT battery. Installed new battery P/N BP1010. Due for replacement July 2021. Removed and replaced induction air filter. Installed new Brackett air filter P/N BA6305. Adjusted landing gear down switch. Cleaned ground on right Nav light, operational check good. Complied with AD 73-21-01 by lubrication of landing gear and flight control rod ends. Due again at Tach 1775.43 or 12/2019. Complied with AD 77-17-04 by inspection of control wheel shafts per Ad instructions. Due again at Tach 2175.43. Complied with AD 73-21-01 by operational check of the Bendix magneto switch. Due again at Tach 1775.43. Removed and replaced left and right brake pads. Installed new brake pad kit RA-66-111-4k.			
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be airworthy at this time and date.			
			
Edward Fandrich A&P 3453275 IA			

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
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01/09/2018
Tach 1518.65

N2689W

Removed #2 Com/Nav KX 170B and installed servicable King KX 155 Com/Nav per King Kx 155 installation Manual. Operational check good. No weight and balance change. Determined to be a minor alteration.



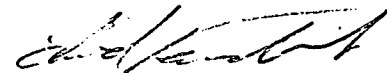
Edward Fandrich A&P 3453275 IA

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
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03-07/2018

N2689W

Removed and replaced o-ring seal in left wing sump drain. Installed P/N CAV-110K o-ring. Leak checked good. Replaced left and right fuel cap o-rings. Installed new o-rings P/N MS29513-338. Fabricated doubler and installed with a new nut-plate baggage door prop open support lower attachment. Removed and replaced electric fuel pump switch. Installed customer supplied serviceable switch.

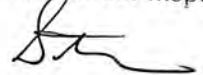


Edward Fandrich A&P 3453275

DATE 2017 2016	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.)
11-7-17	3225.7	443.38	1475.7	Serviced and inspected in accordance with FAR 43 appx D and Mooney Service manual Inspected Rear fuselage Cluster Per AD 2012-05-09 found OK Tested Mag Switch for AD 76-09-12 found OK Tested ELT Per FAR 91.207D found OK Complied with AD 73-21-01 by Inspection & OK I Certify that this airplane has been inspected in accordance with an annual inspection and was found to be in an airworthy condition with W SA ADP 3251832 ID

DATE 2017 2016	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.)
12-4				I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY CFR 91.411 I.A.W. CFR 43 APPENDIX E&F HAVE BEEN PERFORMED, THE ALTIMETER HAS BEEN TESTED TO ____ FT. DATE _____ FILED UNDER W/O _____ INSPECTOR _____
				I CERTIFY THAT THE TRANSPONDER TEST PER CFR 91.413 HAS BEEN COMPLETED. FILED UNDER W/O 2017.12.4.0 DATE 12/4/2017 INSPECTOR [Signature] AV8TOR AVIONICS REPAIR STATION 12KR160C 928-978-0745
				REMOVED GIL G-35 BATTERY REPLACED WITH CONCORDE 26-35 AXE PER FAR 43 APPX A PART C (U) 72 PRIVATE PILOT #3941623 MICHAEL MARTIN
12-10	1507.1			

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.)
4-16-16	141105	hrs		Serviced and inspected in accordance
				with FAR 43 appx D and Mooney Service manual
				Tested ELT Per FAR 91-207 D found OK
				Complained with AD 73-21-01 by Inspection and Lubrication
				Tested mag switch AD 76-07-12 found OK
				I Certify that this airplane has been inspected
				in accordance with an annual inspection
				and was found to be in an airworthy
				William W  A&P 3251832 IA

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.)
11-09-2016			N 2689W	1445 hrs ACT TACH
	S/N 1006		M20E	
				Serviced and inspected in accordance with FAR 43 appendix D and Mooney service manual
				Inspected rear fuselage cluster per AD2012-05-09 Tail trim system and SB M20-313A found ok.
				I certify that this Aircraft has been inspected in accordance with an annual inspection and was
				found to be in an airworthy condition.
				William W Stukenholtz A&P 3251832 IA William 

DATE

19__



SIGNATURE
TECHNICAIR
Aircraft Maintenance
RBA Aviation

Charles B Wheeler Downtown Airport
701 NW Lou Holland Dr. Kansas City MO 64116

AIRCRAFT	S/N 1006			
REG. NO.	DATE:		TACH	
N2689W	7/14/2015		1382:93	

-Reinstalled fuel servo after repair, Model RSA-5AD1, PN: 2524054, SN: 11064/38. Performed ground run, checked mixture setting, idle speed, and performed high power ground run.

Operational and leak check satisfactory at this time.

Repair accomplished by Aircraft Accessories of Oklahoma, Tulsa, OK, CRS# RV3R829L, WO # 12209.

-Cleaned and inspected fuel gascolator screen. No abnormal debris found.

-Oil temp gauge reading 30 degrees high static, without engine running. Troubleshoot the oil temp probe, and the resistance was within limits. Read the resistance for the gauge, and it was out of limits. Advised the owner to have the gauge calibrated.

This article was repaired in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect the work preformed and is approved for return to service. Pertinent details are on file at this repair station under work order: **MKC-15-008313.**

Inspectors Signature: _____

Gil Martinez

Signature TechnicAir - KMKC FAA certified repair station AKGR142C

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.)

11-10-15 1390 Tach Time

The propeller tips were damaged in a landing accident. The belly skins were damaged and new skins installed. The aft skin was riveted back in accordance with AC 43.13 1B. Landing gear retraction test preformed and aircraft found ready for return to service.

William W. Starn A&P 3251832

DATE
19__

DATE: 02-01-2014

N: N2689W

TACH: 1324.5

AIRCRAFT: Mooney M20E

S/N: 1006

TT: 3074.5

OF
(S.)

Complete Annual inspection. All aircraft controls and systems inspected in accordance with FAR 43 AppD. and checklist. Service brakes, battery and tires. Lubricate all controls. Remove and replace instrument filter and vacuum regulator filter. Lubricate gear. Gear retraction checks and downlock tests check satisfactory thru several cycles. Install new fuel tank placards and fuel selector placard. Comply with **FAR 91.207d** inspection and operational check of ELT, ELT Battery due "NOV 2015". Comply with **AD 73-21-01** by lubrication and landing gear checks. Comply with **AD 76-07-12** by operational check of ignition switch, next due @ 1424.5. AD's researched thru B/W 2014-03 for applicability. Wash aircraft. Aircraft run up checks were satisfactory.

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
IA 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-20-15	1354		3082.	Serviced and inspected in accordance with
				Mooney Service manual and FAR 43 app D
				Tested FLT in accordance with FAR 91.207d
				found OK Comply with AD 73-21-01 by lubrication
				and landing gear checks found OK. Comply with AD
				76-07-12 by operational test of mag switch found OK
				Next due 1459 hrs AD 2014-15-18 NA S/N
				I Certify that this Airplane has been inspected
				in accordance with an annual inspection
				and was found to be in an airworthy
				condition will stay AHP 3251832 IA

DATE

19__

AVIONICS SPECIALISTS, LLC
5297 Gulfstream Court, Loveland, CO 80538
CRS YOXR999X

OF
IES.)

MOONEY M20E, s/n 1006, N2689W, Tach 1324.56
The following transponder(s) have been certified per FAR91.413 and found in compliance with FAR 43, Appendix F.

Make: NARCO Model: AT 50A Ser. #: 24921 Date: —
Make: — Model: — Ser. #: — Date: —

The following altimeter(s)/Encoder(s) including pitot static system have been Tested and certified per FAR91.411 and found in compliance with FAR 43, Appendix E.

Altimeter Make: KOLLSMAN Model: 671K-03 Ser #: AC-2084B Date: —
Altimeter Make: — Model: — Ser #: — Date: —
Encoder Make: TCI Model: SSD-120 Ser #: 63517 Date: —

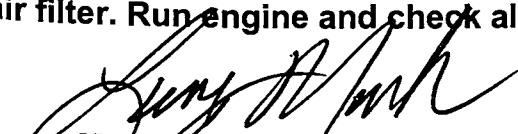
Inspector: PLJ. SULLY

Date: 1/28/2014

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 PAGE FOR OTHER SPECIFIC ENTRIES.)
December 10, 2013				
N2689W		M20E S/N 1006		
Tach: 1324; TTAF: 3074				
All aircraft inspection plates, lower fuselage belly panels, cowlings and interior seats and side panels removed for inspection. Wings, empennage and interior cabin cleaned and inspected. All flight and engine controls cleaned, inspected, lubricated and check operation. Flap hydraulic pump and actuator cylinder removed, cleaned, replaced all "o" ring seals and reinstalled. Flap system serviced with MIL 5606 and checked operation. Resealed RH fuel tank top outboard and lower inboard access panels. Replaced both fuel tank fuel drains with new. Replace both fuel tank outlet nipple fuel hoses and replaced hose clamps with new.-----Continued-----				

12/10/2013 Tach: 1324 TTAF 3074-----Continued-----

Check and cleaned fuel strainer screen. Replaced cabin ventilation hose with new. Jacked aircraft; cleaned and lubricated retraction and extension assemblies, cleaned and repacked main wheel brngs, replaced nose wheel brngs and greased, replaced both main wheel brake rotors with new, replaced all brake lining with new and service brake system with MIL 5606, check gear retraction and extension. Removed generator and voltage regulator and Installed new Plane Power SAL 12-70 Alternator Conversion Kit per STC SA10682SC IAW Master Drawing List 14-5001, Rev. B supplied with kit, Weight and Balance revised, see 337. Propeller removed and reinstalled to facilitate alternator installation and replaced alternator belt with new. Replaced engine induction boot assembly and replaced Brackett air filter. Run engine and check alternator operation.


Larry Mack A&P521909995

DATE

19__

ALTIMETER CORRECTION

-1000	+15	20,000	+5
0	+5	25,000	
500	-15	30,000	
1000	+5	35,000	
1500	-15	40,000	
2000	-5	45,000	
4000	+5	50,000	
6000	-5	53,000	
8000	0	60,000	
10,000	-25	70,000	
15,000	-50	80,000	
Date 9-6-07	SN	none	

671K-03

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.)

— Transponder tests required by FAR 91.413 were performed this date and found to comply with FAR 43 apdx "F"
— Next certification due: September 2009
Make NARCO model AT50A SN 24921
Details on file under JO# 07-01873
Sign Jim R. Macoak Date 9-6-07
Denver Avionics FAA CRS PE5R116N

— Static system tests and inspections required by 91.411 were performed and found to comply with FAR 43 apdx "E"
— The system was tested to 20,000 FT.
— Next cert due September 2009
Details on file under JO# 07-01873
Sign Jim R. Macoak Date 9-6-07
Denver Avionics FAA CRS PE5R116N

DATE

19__

RECORDING
TACH
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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.)

PN 671K-03 SN none
This altimeter has been tested and certified to 20,000 ft per FAR 91.411 in accordance with FAR 43 appendix "E"
Next certification due: September 2009
Details on file under JO# 07-01873
Sign Jim R. Macoak Date 9-6-07
Denver Avionics FAA CRS PE5R116N

PN SSD120-30A SN A63517
This encoder has been tested and certified to 20,000 ft per FAR 91.411 in accordance with FAR 43 appendix "E"
Next certification due: September 2009
Details on file under JO# 07-01873
Sign Jim R. Macoak Date 9-6-07
Denver Avionics FAA CRS PE5R116N

9/7/2007
TACH 1300.9
Total 3050.9

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.)
6/1/07	1296.89		3046.89	Replaced 1/4 wing tank Flush Valve #N F391- -535 with new Berr. Leak and ops checks GOOD. R. Matka ATP 3108826
9/7/07	1300.9		3050.9	Installed new Bracket Air Filter (BA-6305) Serviced Battery, Lubed FLIGHT Controls Sacked A/C C/w AD 73-21-01 SIB m20-32 11-3-72 Torque check Landing Gear Preload & lubrication, Due next 1400.9 TACH. C/w AD 76-07-12 (8/30/77) By manually turning off Ignition Switch. (Due next 1400.9 TACH). Lubed Wheel Bearings, (cont'd)

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.)
				Replaced Brake Caliper O-Rings, Bled Brakes. C/w A 8310.1 Supplemental ELT Inspection Dated 9-23-88. BATTERY Change Due August '08. R. Matka ATP 3108826
9/7/07	1300.9		3050.9	I Certify that this Aircraft has been Inspected in accordance with an Annual Inspection and was determined to be in an Airworthy Condition. R. Matka IA 3108826.

DATE 2006 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.)
July 7	1269.42		3019.42	Removed Prop Governor, Sent for Overhaul, Reinstalled Original Governor PIN 14-1 S/N 1593V. Operationally and Leak checks Complied with. R. Malta ATP 3108826
July 7	1269.42		3019.42	Installed Hartzell Top Prop Conversion Kit, See Atta Engine Log For Details Installed new Brackett Air Filter element BA6305. Installed new ELT Battery and Complied with A8310.1 Supplemental ELT Inspection Dated 9-23-88 Due next Battery 8/08. C/W AD 73-21-01 SIB M20-32 11-3-72 Torque Check Landing Gear Preload & Lubrication, Due next 1369 Tach

CONT'D

DATE 2006 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.)
				CONT'D C/W AD 76-07-12 (8/30/77) By turning OFF engine with MAG Switch, Due next @ 1369 Tach (3119 Total) Lubricates Flight Controls, and Bearings. R. Malta ATP 3108826
July 7	1269.42		3019.42	I Certify that this Aircraft has been Inspected IAW Annual Inspection and was Determined to be in an Airworthy Condition. AD's Current Thru July 7, 2006. R. Malta IA 3108826

DATE 2005 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.)
8-9-05	1257.69		3007.69	I Certify That This Aircraft Has Been Inspected I.A.W Annual Inspection and was determined to be in an Airworthy Condition. All AD's current thro todays Date. R. Matla IA 26441709.
8-24-05	1257.69		3007.69	Transponder tests required by FAR 91.413 were performed this date and found to comply with FAR 43 apdx "F" Next certification due: <u>August 2007</u> Make <u>NARGO</u> model <u>AT50A</u> SN <u>24921</u> Details on file under JO# <u>35323</u> Sign <u>R. Matla</u> Date <u>8-24-05</u> Denver Avionics FAA CRS PE5R116N

N6802N

DATE 2005 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.)
8-24-05	1257.69		3007.69	The <u>encoder</u> has been replaced: OFF PN <u>AR-850</u> SN <u>60937</u> ON PN <u>SSD170-30A</u> SN <u>A63517</u> The <u>encoder</u> has been function tested in accordance with mfg specs. Details on file under JO# <u>35323</u> Sign <u>R. Matla</u> Date <u>8-24-05</u> Denver Avionics FAA CRS PE5R116N
				Static system tests and inspections required by 91.411 were performed and found to comply with FAR 43 apdx "E" The system was tested to <u>20,000</u> FT. Next cert due <u>August 2007</u> Details on file under JO# <u>35323</u> Sign <u>R. Matla</u> Date <u>8-24-05</u> Denver Avionics FAA CRS PE5R116N

N6802N

DATE 2004	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.)
		Cont'd		① 1329 TACH 3079 Total Time. C/w AD 2002-26-01 (Amnnt 39-12486) SB 342 D Visual Insp Inj. Lines and clamps. Due Next @ 1329 TACH 3079 Total time. Lubed Flight Controls and Bearings. R. Maatta ATP 26441709
7-8-04	1229.1		2979.1	I Certify this Aircraft has been Inspected IAW Annual Inspection and was Determined to Be in an AIRWORTH CONDITION All AD's Current Through 7-8-2004. R. Maatta IA 26441709

DATE 2005	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.)
8-9-05	1257.69		3007.69	Complied with Supplemental ELT Inspection A 8310.1 dated 9-23-88 ELT Battery Due June '06. Replace Bracket Air Filter PIN BA 6305. C/w AD 73-21-01 S/B m20-32 11-3-72 Torque Check L/G Pre- Load & Lubrication. Due Next @ 1357 TACH (3107 total). C/w AD 76-07-12 (8/30/77) By turning off Engine with MAG Switch, Due Next @ 1357 TACH (3107 Total) C/w AD 2002-26-01 (Amnnt 39-12486) SB 342 D By Visually Inspecting Injector Lines & Clamps Due next @ 1357 TACH (3107 total). Installed New O-Rings on fuel Caps, Lubed Bearings and Flight Controls, Propeller. R. Maatta ATP 26441709

CRS#: TH5R223N
VIP AVIONICS, INC.
BRAINARD AIRPORT
HARTFORD, CT 06114

06/30/03
N2689W
M-20E
A/C TT: 1,181.8

WO# 8547
MOONEY
S/N: 1006

- 1- Database update. Removed Northstar p/n: M-1 Loran, s/n: N10547 from aircraft. Updated database to current cycle starting May 15, 2003. Reinstalled unit in aircraft. Ops checks good.
- 2- Static system failed leak check. Trouble shot problem to leaky blind encoder. Removed Narco AR850 blind encoder, s/n: 60937. Re-sealed baro chamber. Unit bench checks per manufacturer spec's. Reinstalled unit in aircraft and system ramp checks good.
- 3- FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D. This altimeter has been tested to 20,000 feet and found satisfactory for return to service. Pertinent details are on file at this facility.
Make: Kollsman Model: 671K-03 Serial #: 1DOP
- Automatic pressure altitude reporting system tested to 20,000 feet as required by FAR 91.411 IAW FAR 43, app E, para. C.
Make: Narco Model: AR-850 Serial #: 60937
- ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.
Make: Narco Model: AT50A Serial #: 24921

David Horak
AUTHORIZED SIGNATURE TH5R223N

DATE
2003
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.)

9-16-03

1193.3

2943.3

CRS#: TH5R223N
VIP AVIONICS, INC.
BRAINARD AIRPORT
HARTFORD, CT 06114

09/16/03
N2689W
M-20E
A/C TT: 1,193.3

WO# 8820
MOONEY
S/N: 1006

- 1- DME display intermittent. Removed King, KDI 572 DME indicator, p/n: 066-1069-00, s/n: 1166 from aircraft. Bench checked operation segments on upper part of display out. Disassembled and cleaned dirty edge connector. Cleaned lens and reassembled. Performed operational checks. Unit bench checks per manufacturer's spec's. Reinstalled unit in aircraft and system ramp checks good.
- 2- T/C bench check. Removed Mitchell Ind., Mod: 52D69, turn coordinator, s/n: 7338F from aircraft. Bench checked and found unit has mechanical hang-up and out of calibration. Installed VIP serviceable exchange Mitchell 52D69 turn coordinator, s/n: 2124. System ramp checks good.

David Horak
AUTHORIZED SIGNATURE TH5R223N

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.)
6-21-03	1180.9		2930.9	Replaced R/H Fuel tank Flush drain Valve Plw F391-535, Removed SW oil Cooler Plw 8432F S/N A21872 and Installed New NDM Cooler Plw 20104A S/N F02-1621-5. Installed new oil Cooler hoses Plw's 111F504-8D0500 and -8D0530, and Installed New Thermostatic oil Valve Plw 53E 22144. Removed L/H MAG for access, Reinstalled with new Gasket. Removed OLD EGT and Probe, installed New ALCOX 10-87000 EGT System. Installed New Gill 6-35 Battery and Neutralized, cleaned Battery Box. Installed 3 new Airhawk tires + Tubes, Painted wheel halves. Installed New BA-6305 Brackett Air Filter. Installed 1 new A7074 B12 Grimes (cont.)
L/H	TIRE S/N	B3E 40703		
R/H	TIRE S/N	B3E 45000		
Nose	Tire S/N	B3D 24702		

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.)
			(cont'd)	Beacon Bulb. Installed New Brackett Filter Plw BA-6305 C/w AD 73-2101 S/B M20-32 11-572 By Torque checking Mains + Nose Gear Pre-load, and Lubrication of fittings Due next at 1280.9 TACH. C/w AD 76-07-12 8/30/77 By shutting of ENG using MAG Switch Due next at 1280.9 TACH. C/w AD 2002-2601 (AMNDT 39-12986): S/B 3420 By Visually inspecting, injector lines & clamps, Due next @ 1280.9 TACH. R. Matka A-P 26441709
6-23-03	1180.9	TT 2930.9		I CERTIFY This Aircraft has been inspected IAW Annual Inspection and was determined to be in an Airworthy Condition. ELT Expires 5/04 All AD's Current. R. Matka 26441709/A

DATE 19 <u>97</u>	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.)
10-19-97	914.35		2664.35	PERFORMED ANNUAL INSPECTION FOLLOWING MAORNEY MAINTENANCE MANUAL CHECKLIST COMPLIANT WITH AD 73-21-01 LANDING GEAR PRELOAD INSPECTOR AND AD 76-07-12 OPS TEST OF BENDIX IGNITION SWITCH. INSTALLED BOTH AURAL SUPPLIES MAIN WHEEL TIRES R/R INTAKE FILTER AND VACUUM REGULATOR FILTER. R/R ELT BATTERY MARKED ELT 10. NEXT DUE NOV 99. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRCRAFT CONDITION - 10-15-97 Jan 19 AIP 46527730 ADDED TIME: ELT OPS TEST GOOD - AD checked thru 97-20

DATE 19 <u>98</u>	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.)
8/28/98	969.61	—		Cleaned and serviced 6V 12 volt battery, added small amount of distilled water to some cells - Flood top of flooded battery w/water and washed off thoroughly # 1206348
12-15-98	977.52		2727.52	PERFORMED ANNUAL INSPECTION PER MAORNEY MAINTENANCE MANUAL CHECKLIST. C/W AD 73-21-01 LANDING GEAR PRELOAD CHECK AND AD 76-07-12 OPS TEST OF BENDIX IGNITION SWITCH. INSTALLED NEW NOSE WHEEL ASSEMBLY AND INTAKE FILTER. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRCRAFT CONDITION. AD checked to 98-24 Jan 99 AIP 46527730 JA

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.)
10/9/95	TACH 811.89		2561.89	REPLACED ELT BATTERY (NARCO 10) INSTALLED NEW NOSE TIRE (500X5 MCLEARY) NEW BRAKE PADS INSTALLED. I certify that this aircraft/engine has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthiness condition. Date <u>10/9/95</u> Time in service <u>2561.89 (TACH 811.89)</u> Name <u>Raymond E. Madson 1425673 FA</u> Applicable AD notes c/w thru <u>95-19</u>
107-96	TACH TIME 858.77		2608.71	Opened applicable access panels and performed Annual inspection per Mooney Maintenance Manual, Lubricated all control surfaces, Landing Gear and cleaned/packed

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.)
				wheel bearings, serviced Hydraulic Reservoir, cleaned Fuel selector Valve inlet screen and Replaced Baggage door seal I certify this Also comply with the following: AD 73-21-01 - Landing Gear prebud torque check - ops normal AD 76-07-12 - Radio ignition switch ops Test - normal AD 77-17-04 - Visual and dye Penetrant insp. of Control whl shaft Recurring insp due at 500 HR intervals, I certify this AIRCRAFT has been inspected in accordance with a Annual inspection and is determined to be in Airworthy condition ADs checked thru 96-19 <u>Jim J. A. 145217301A</u>
6/4/97	891.23			Removed leaking Gasoline drain Plugs and Clean out and reinstalled - reinspect - Check out O.K.

DATE 19 <u>94</u>	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.)
10/9/94	739.65	TACH	TIME	At this time opened all applicable Access Panels and
	2489.65	TOTAL	TIME	Performed an Annual Inspection IAW Mooney M20E Maint.
	1406.65	SMDH		MANUAL. Jacked Aircraft, Lubed Gear, and Flight Controls,
				Complied with AD 7381-01 (Due @ Annual/100hrs) and Performed Gear
				Pre-load check, Complied with AD 76-07-12 (Ignition Switch) Service
				Hydraulic Reservoir, Lubricated all wheel bearings, Inspected fuel
				Filter Caps, Replaced Fuel Spinner Bulkhead due to Crack, Service
				Battery, Installed New Brackett BA-6305 Air filter. ELT
				Battery Due OCT-1995. Tank Cleaned fuel system
				Screens, Ran Engine, all operational and Leak checks
				Complied with <u>Valard Matto</u> ATP26441209

DATE 19 <u>94</u>	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.)
10/9/94	739.65	TACH		I Certify that this Aircraft Has been Inspected in
				Accordance with an Annual Inspection and was
				determined to be in an Airworthy Condition.
				-See updated AD listing in back of this book.
				<u>Valard Matto</u> ATP26441209 IA
12/14/94	752.49	TACH		At this time Removed Generator P/N 1101915 SN
				and Installed Overhauled Gen. P/N 1101915 SN 2500 IAW
				Mooney Maintenance Manual, Ran Engine, Generator System
				operationally checks Good. <u>Valard Matto</u> ATP26441209

DATE 19 <u>92</u>	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.)
9-14	618:85	.	2368:85	OPENED ALL ACCESS PANELS FOR ANNUAL Insp. & AW Mooney Insp/Service Manual - Lubricated Landing Gear and all control surface connections and control arms. Performed Landing Gear Preload check & A.W. AD 73-21-91 / CLW SB M20-229A inspection of Fuel Filler caps - I certify this ACPJ has been inspected in AW Annual Insp. Items Mooney Service Manual and was determined to be in a airworthy condition at this time. <i>[Signature]</i> <i>[Signature]</i> A.W. 46522430 See AD Listings in Back of Log
11/6/92				Battery removed and serviced - O.K. O.H Lewis

NOTES

HARTZEL Prop O/H @ T1441 14 June 79

Lycoming eng O/H @ T1083 12 June 73

HARTZEL PROP O/H @ 4-22-88 SEE "PROP" LOG.

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER MOONEY AIRCRAFT CO MODEL M 20 E SERIAL 1006
 REGISTRATION NUMBER N 2689W DATE MFG. 1966

ENGINE(S) CURRENTLY INSTALLED.

MFG LYCOMING MODEL I-O-360 A1A SERIAL L-2446-51A
 MFG _____ MODEL _____ SERIAL _____

PROPELLER(S) CURRENTLY INSTALLED.

MFG HARTZELL MODEL HG-CZYK-1B
 HUB MODEL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____
 BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____



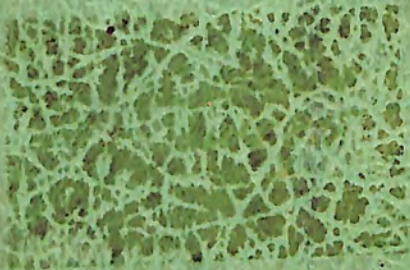
The Standard

AIRCRAFT LOG

N2689W

AIRCRAFT LOG

Book #2



AIRCRAFT LOG

YEAR <u>91</u>		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
<u>8/21/91</u>		<u>TACH 553:19</u>			AT THIS time opened all ^{accessible} Panels and performed an ANNUAL Inspection In Accordance with Mooney Inspection/Service Manual.	
		<u>TOTAL TIME 2303:19</u>			I Certify that this Aircraft has been Inspected in accordance with an ANNUAL Inspection and was determined to be in an Airworthy Condition.	
		<u>SMOIT 1220:19</u>			See updated AD Listing in Back of Log Book	
					ELT Batteries Due Sep. 93	
					altimeter/transponder Due 07/01/92	
					<u>Richard Matto</u> IA 26441709	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR 92		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
7	15	FAR 91-411 has been accomplished if A/W PART 43 APP E Para. (A)(B)(C) The altimeter has been tested to <u>20,000</u> feet. Signature <u>[Signature]</u> make <u>KOLLSMAN</u> model <u>20K</u> serial <u>700P</u> date <u>07/15/92</u> Northeastern Avionics Inc. <u>FVHR055E</u>	ATC transponder tests and inspections required by FAR 91-413 were performed this date <u>07/15/92</u> and found to comply with FAR part 43 Appendix F. No. 1: <u>NARCO AT50A S/N 24921</u> No. 2: <u>[Signature]</u> W.O. # <u>23866</u> Signed <u>[Signature]</u> Northeastern Avionics Inc. <u>FVHR055E</u>
8	4	removed 10yr. old REBAT Battery and replaced with 3yr old GILL GS35 - Cleaned Battery Box and Blew-out and Cleaned Both Batt. Vents to Box. <u>C. H. Davis 1206348</u>	

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR 91		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
07	21	550:32	TACH TIME:	AT	THIS TIME, REMOVED	ALL 4 1/4 FUEL
					ACCESS PANELS AND HAND SCRAPED	WITH PLASTIC
					SCRAPERS ALL FUEL TANK SEALER.	PERFORMED FIELD
					REPAIR OF 1/4 FUEL TANK	IAW MOONEY
					SERVICE AND MAINTENANCE MANUAL	7-3 - 7-8. ALSO
					PERFORMED S.B. M20-188A ON	1/4 TANK (REPLACEMENT
					OF TANK DRAIN VALVE) IAW INSTRUCTIONS PROVIDED	
					IN SERVICE BULLETIN. ALSO COMPLIED WITH	
					SERVICE INSTRUCTION M20-73 AND SERVICE BULLETIN	
					M20-230A (INSPECTION OF RIBS TO DETERMINE ALL	
					APPLICABLE FUEL PASSAGE HOLES IN RIBS ALLOW	
					FUEL TO DRAIN FROM OUTBOARD OF	(CONT NEXT PAGE)

CARRY TOTAL TIME TO TOP OF NEXT PAGE

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR 91		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
→	Cont'd	Rib Stations to the fuel tank Sump Area. Installed All 4 Fuel tank Panels, Filled tank with Fuel, test flew A/C. No Leaks or stains noted. — Richard Motta ATP 26441709	
8/21/91	TACH 553:19	AT This time Jacked Aircraft and Performed Landing Gear Preload torque check, Swung Gear, Complied with S.B. M20-229A fuel filter Cups Inspection, Lubricated Flight Controls. Serviced Brake/Flap Reservoir Lubed Gear Replaced ELT Battery Pack. Batteries Due Next Replacement SEPT 93. Complied with MD 76-02-12 By turning off IGNITION Switch with engine running. Richard Motta ATP 26441709	
TOTAL	TIME 2303:19		

... ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
7-1-90		TACH 508.87	TOTAL TIME 2258.87			
		JACKED AIRCRAFT AND	PERFORMED LANDING GEAR PRE-LOAD			
		Torque check (AD 73-21-01	Due 100 HRS/Annual), Lubricated			
		Gear, Swung Gear, ops	Checks Normal. (W 50 M70-229A fuel			
		filler Caps Inspection,	lubricated All Flight Control Rod Ends			
		Verified Proper oil	Cooler installed (AD 77-18-01) Serviced Brake			
		and flap Reservoir, lubed	starter drive. Richard Matto APP 26441709			
		I Certify that this Aircraft has been INSPECTED				
		IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS				
		Determined to be in an AIRWORTHY CONDITION. SEE				
		UPDATED AD Logging in back of Log Book.				
		Richard Matto FA 26441709.				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO.	DAY	
7-15-90		TACH 510.35 Total Time 2260.35
		Removed oil Cooler and Flushed out with Varsol and ALCOHOL.
		Reinstalled Cooler with New Hardware, Ran Engine, leak checks
		Good. Flew aircraft, oil temperature Normal. Richard Matto
		APP 26441709
9-15-90		TACH 518.66 Total Time 2268.66
		Removed left and Right Main Landing Gear SHOCK-DISCS (Load Mounts)
		(4 ON EACH WHEEL) AND INSTALLED NEW DISCS, INSPECTED LOWER
		Tubing for Corrosion, cleaned and painted Swung Gear,
		ops checks Normal. Richard Matto
		APP 26441709

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					ATC Transponder tests and inspections required by FAR 91.172 were performed this Date <u>06-26-90</u> and found to comply with FAR Part 43 Appendix E.	
					No. 1: <u>NARCO ATSO A 24924</u>	
					No. 2: <u>W.O. #12360 Signed: <i>North L. Kelly</i></u>	
					AFM CORPORATION C.R.S. E19-99	
					Make <u>Narco</u> Model <u>AR-500</u>	
					Serial <u>15220</u>	
					AFM W.O. # <u>12360</u> C.R.S. E19-99	
					Sig. <u><i>North L. Kelly</i></u> Date <u>06-27-90</u>	

ARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
<u>7-1-90</u>		<u>Installed New tires Left, Right and Nose and</u>
<u>Tach 508.87</u>		<u>NEW Brake Pads Left AND Right. Inspected and Lubed</u>
<u>T.T. 2258.87</u>		<u>wheel bearings, and Replaced Brackett Air filter</u>
		<u><i>C. H. Lewis</i></u>
		<u>1206348</u>

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
5-7-88					Aircraft inspected in accordance with an annual inspection	
2137 T.T.					Replaced right main tire all brake pads and chrome discs installed	
					I Certify this Aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition	
					all AD's checked	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

IA 95447799

AIRCRAFT LOG

YEAR 89
MO. DAY
4 1



CTIONS, REPAIRS AND ALTERATIONS
s or repair facilities must endorse all
airs with name, rating & Cert. No.

6-1-89 Annual inspection on this date
2196.11 T.T. in accordance with Mowbray engine
manual. Oil and filter replaced
Port inspection up at Skyway
I certify this aircraft has been
inspected in accordance with
an annual inspection and
is airworthy

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

IA 45447799

AIRCRAFT LOG

N2689W

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
27	April 87			27	April 87	
	Tach 317				I certify that this Aircraft/Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition.	
					Air Frame Total Time <u>2067</u> Engine Total Time <u>2067</u>	
					Tach Reading <u>317</u> S.M.O.H. <u>984</u>	
					<u>Theodore Sapoznik</u>	
					Theodore Sapoznik	
					LA-A & P. #1296612	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR 1988		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
APRIL	2	TOTAL TIME 2137. HRS. TACH. READS 387.7 HRS.
		AIRCRAFT JACKED UP AND LANDING GEAR CYCLED.
		CHECKED FOR RIGIDITY. CONTROLS CHECKED. NO CORROSION
		FOUND. ELT. BAT. OK TO MAR. 1989.
		100 HR. ANNUAL INSPECTION
		Date <u>5-2-88</u> Total hours <u>2137.0</u>
		I certify that this <u>AIRFRAME</u> has been
		thoroughly inspected in accordance with an
		<u>100 HR.</u> inspection and is determined to be
		in airworthy condition.
		<u>Charles L. Lukas</u> (A.A.)
		Charles L. Lukas
		A&P #373420

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG N2689W

YEAR	RECORDING		TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	MO.	DAY				
27 April 87	Tach	317	A/C	Serviced & Lubricated As Per Specs - Installed New ELT Battery, due date March 1989 (NARCO 10) - Installed New Nose Tire and Repacked Bearings - Installed New Left Main Tire & Lube & Repacked Bearings - Clean Battery Terminals & Recharged Battery - Repaired Tray edge of Right Flap - Repaired Baggage door Holder - Installed all New Brake Linings - Installed New Fuel Tank Decals - Installed New Decal on Nose Gear Tow Limits - Repacked Right & Fuel Tank - Installed Fuel Tank Quick Drain Modification on Right Fuel Tank 1/4/87 S/B M20-188A - Repainted Walkway & Step nose skid Paint - 3/8 M20-229 C/W by Inspecting & Testing Fuel Caps, no defects found (Every Annual) AD 86-05-02 And 39-5317 N/A on Altitude by model Kollsman S/P 700P - AD 87-06-09 And 39-5585 N/A on Mechanical Products Inc. Circuit Breaker by none Installed -		
(Cont on following Page)						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N2689W

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
27 April 87	Tach 317	- S/B M20-208A C/W by Inspecting Fuselage tubular Structures no defects found (Every Annual) - AD 76-07-12 C/W by checking Landing Lights Saddle for Proper operation, no defects found (Every 100 Hrs) - S/B 615 C/W on Landing Lights Saddle for Key Removal, Key will not remove other than off Position (Every Preflight) - AD 77-17-04 C/W on Control wheel shafts for Cracks, no defects found (Every 500 Hrs) - S/B M20-217 C/W by Inspecting Rear Spar Center Splice for Cracks, no defects found (Every 500 Hrs) - AD 73-21-01 C/W on Gear & Flight Controls by Inspecting & no defects found, Lubricated and Gear Retractors Check Informal (Every 100 hrs or 12 months) - AD 5th 87-07 checked ELT due - March 89 Xponder due 7 May 88 Altitude due 7 May 88
(Cont on following Page)		

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					(CONT) VACUUM FILTERS, INSTALLED REMAN MUFFLER P/N M20ER S/N WCC-0-5-2854. SEE YELLOW TAG REAR OF LOGBOOK. C/W AD 73-21-01 PARTS A+L. DUE AGAIN BEFORE 3 MAR 87 OR 2009.68 HRS TT. C/W AD 76-07-12 BY TEST DUE AGAIN 2009.68 HRS TT. C/W AD 85-24-03 BY INSPECTING FUEL DRAIN HOLES I/A/W SB M20-230. REPLACED FUEL CAPS I/A/W SI 20-22. TAXI TESTED. NO DEFECTS NOTED. ————— END ————— AD 84-26-02 DUE 2087 HRS TT —————	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR <u>86</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO. DAY		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
<u>5</u>	<u>1</u>	FAR 91.171 has been accomplished WAW Part 43 APP E Para. A, B, C as appropriate. The altimeter has tested to <u>29.200</u> Signature <u>Bery Oth</u> make <u>Hallman</u> model <u>20K</u> serial <u>700P</u> date <u>5/1/86</u>	AIC transponder tests and inspections required by FAR 91.172 were performed this date <u>5/1/86</u> and found to comply with FAR part 43 Appendix F. No. 1: <u>ATSOB</u> No. 2: <u>N/A</u> W.O. # <u>11992</u> Signed <u>Bery Oth</u>
		NEWAIR FLIGHT, INC. CRS-1233	NEWAIR FLIGHT, INC. CRS-1233
		<u>Removed A/H Gryo 5000B and replaced with overhauled unit 5000B20 5/26/86</u>	

AIRCRAFT LOG

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CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO. DAY		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
DATE	3 MAR 86	TACH/HOURS	159.68 HRS. ALL ITEMS ON MOONEY
ENGINE/AIRFRAME	TOTAL TIME	1909.68 HRS.	INSPECTION CHECKLIST C/W.
I CERTIFY THAT THIS ENGINE/AIRFRAME WAS IN-		REPLACED RUDDER AFT	
SPECTED IN ACCORDANCE WITH AN ANNUAL		BELL CRANK BEARINGS P/N	
INSPECTION AND WAS FOUND TO BE IN AIRWORTHY		B 47. INSTALLED NEW	
CONDITION. SIGNED		BRAKE LININGS. REPLACED	
SCOTT SPLETZER A & P 048666152 IA		BRAKE HOSES, BLED BRAKES,	
ENGINE TOTAL TIME		1909.68 HRS	INSTALLED NEW WELDON
826.68 HRS SMOW		BOOST PUMP P/N 8163A	
LAST ANNUAL 11 JUL 85		S/N	REPLACED OIL
159.68 HRS LAST 12 MO		COOLER HOSES, INSTALLED	
OVERSEER		NOSK GEAR	PIVOT BUSHING, REPLACED (CONT)

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG N 2689W

YEAR	RECORDING	TIME	TOTAL	REMARKS	SIGNATURE
MO. DAY	TRADING	THIS	TIME		
	READING	FLIGHT			
11 July 85	TRADING 39			A/E Serviced & Lubricated As Per Spec - ECT checked due date Nov 86 (NAC 10)	
				Installed all new brake lines - Replaced left gear door stiffener - S/B M20-229	
				c/w by installed new Fuel Cap O'ring - Installed new Disinfectant Gyno (Acetone #W 311010	
				S/P 40752 - Installed 1" Vacuum Gauge - AD 76-07-12 c/w by checking Bender System	
				Switch for proper operation found ok (Every 100 hrs) S/B 615 c/w by checking Bender System	
				Switch for key removal, key will not remove (Every 100 hrs) - AD 77-17-04 c/w by inspecting	
				Control wheel shafts for cracks, no defects found (Every 500 hrs) - S/B M20-217 c/w	
				by inspecting, Rear Spar plus center for cracks, no defects found (Every 500 hrs) -	
				AD 73-21-01 c/w on gear & flight controls by inspection, no defects found, Lubrications	
				and gear Retraction check Performed (Every 100 hrs or 12 months) - As Then 85-11 checked	
				(Cont'd on following page)	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N 2689W

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
11 July 85	TRADING 39
	ECT due - Nov 86
	Xposed due -
	Altitude due - 20 July 86
	I certify that this Aircraft Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition.
	Alt Engine Total Time <u>1789</u> Engine Total Time <u>1789</u>
	Tach Reading <u>39</u> S.M.O.H. <u>706</u>
	<u>Theodore Sapanak</u>
	LA-A & P. #1296612

AIRCRAFT LOG N2689W

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
		Altimeter mfg. by <u>Kalman</u> Model <u>611K-03</u> s/n <u>100P</u> has been certified by <u>W. G. Higgins</u> on <u>7/20/84</u> to an altitude of <u>20,000</u> feet, Static sys. inspection and test performed by <u>W. G. Higgins</u> # <u>47100</u> Reference W.O. and meets requirements of FAR 91.171. GRIFFIN AVIONICS, INC. Hyannis, MA. 02601. FAA Repair Station 113-B				
		Transponder mfg. by <u>Narco</u> Model # <u>AT-50H</u> s/n <u>24901</u> has been tested and inspected and found to comply with FAR 91.172. NO # <u>47102</u> by <u>W. G. Higgins</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA Repair Station 113-B. Date <u>7/20/84</u> .				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N2689W

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
15	Feb 85	Tach 1694 - Installed new ECT battery due date No 186 (NACO 10) Canding gear greased - Shindler Logbook #A129661214
26	March 85	Tach 1750 - Removed defective Tach and installed new "O" Time Tach A/C TT = 1750 HRS Tach Reading "O" Shindler Logbook #A129661214

AIRCRAFT LOG N2689W

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
82	11	23			1636.9	Drained engine oil & installed 7qt SAE 40W Pennix 75W90	

29 June 84 Tach 1678

405 sand & lubricated the Per Specs - EIT checked due date 28 March 85 (WWS 10) - Replaced one Rotating Beacon Bulb - Installed New Air Intake Flex Boot - Installed all new O rings on both Fuel Caps - Cleaned & Painted Battery Box - Sand left brake Flex Hose in gear well - AD76-07-12 & why check Bendix Igniter Switch for proper operation found ok (Every 100 hrs) - 5/6615 & W checked Bendix Igniter Switch key for key removal, key will not remove PK Switch (Every Preflight) - AD77-17-04 & why inspecting Central wheel shaft for cracks, none found (Every 500 hrs) - (Cont'd on Folio wing Page) -

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N2689W

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
	29 June 84	Tach 1678
	3/3 m20-217 & why	Inspection Rear Spar Center Splice for Cracks, none found (Every 500 hrs)
	Ad 73-21-01 & why	Inspection, & lubrication of Gear & Flight Controls (Every 100 hrs or 12 runs) - Gear lubrication check performed - AD 84-10 checked
	EIT due - 28 March 85	
	Xpends due - } 6 Aug 84	
	A/Hunter Due - }	
		I certify that this Aircraft has been inspected in accordance with a <u>Basic</u> inspection and was determined to be in Airworthy Condition.
		Air Frame Total Time 1678 Engine Total Time 1678
		Tach Reading 1678 S.M.O.H. 595
		Theodore Sapoznik
		L.A.-A. & P. #1296612

AIRCRAFT LOG

N 2689W

YEAR	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
1 July 83	DAY				
				A/p Serviced & lubricated the gear - Installed new EIT battery due date 28 March 85 (Waco 16) - Replaced right tank upper inboard cover plate - Recharged battery - Installed new brake linings - AD 76-07-12 c/w by checking backup system Servals for proper operation found ok (Every 100 hrs) - 5/6615 c/w by checking backup Servals for key removal, key well not remove placard (Every 100 hrs) - AD 77-17-04 c/w by inspecting control wheel shafts for cracks none found (Every 500 hrs) - 3/6110-217 c/w by inspecting Rear Center Spline for cracks none found (Every 500 hrs) - AD 73-21-01 c/w by inspection & lubrication of gear & flight controls and gear retraction check performed - AD 78-83-10 checked - EIT due = 28 March 85 A/N maintenance due - 7 6 Aug 84 Xponder due -	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

N 2689W

YEAR

MO

DAY

1 July 83

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all
inspections and repairs with name, rating & Cert. No.

1 July 83

I certify that this Aircraft ~~Engine~~ has been inspected
in accordance with a Annual inspection and
was determined to be in Airworthy Condition.

Air Frame Total Time 1648 Engine Total Time 1648

Tach Reading 1648 S.M.O.H. 565

Theodore Sapoznik

Theodore Sapoznik

I. A. - A. & P. #1296612

AIRCRAFT LOG

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CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG N 2689W

YEAR MO. DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
1 June 82				McLund & Whunter to Pex Spar - Installed New EIT battery due date 28 June 83 (NMAC 10) - Replaced Tire & Tube & bearing & Haws - Installed New Aircraft Battery - Sealed baggage door hinge in place - Replaced Side Window seal - Tightened Screws on Generator Counter Breather - AD 76-07-12 C/w by Cheryl Boulder Inspection Service for Pex Spar operation found ok every 100 hrs - AD 77-17-04 C/w by inspection Control wheel for cracks none found (Eng 500 hrs) - Replaced & Resealed Left Fuel Tank lower wing plate - 5/1 Bando-217 C/w by inspection Pex Spar Splice Center for cracks none found (Eng 500 hrs) - AD 73-21-01 C/w on gear & flight Controls by inspection & substitution and for Retraction Check performed - AD 82-09 checked - (Cont on following Page)	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N 2689W

YEAR MO. DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
1 June 82	I certify that this Aircraft Engine has been inspected in accordance with a <u>General</u> inspection and was determined to be in Airworthy Condition. Air Frame Total Time <u>1617</u> Engine Total Time <u>1617</u> Tach Reading <u>1617</u> S.M.O.H. <u>534 (unstarted)</u> <u>Theodore Sapoznik</u> Theodore Sapoznik -A. & P. #1296612

AIRCRAFT LOG N2689W

YEAR	RECORDING	TIME	TOTAL		
MO. DAY	TACH. READING	THIS FLIGHT	TIME	REMARKS	SIGNATURE
4 May 81				A/Sennet & Lubricated As Per Specs - Installed New ECT Battery due date 28 July 82 (NAECO 10) - Replaced Both Main tires & Tubes - Replaced all Brake Hangers - Replaced Gear wheel well fabric boots - Replaced Fuel Cap "O" Rings - Replaced P.C. Rubber boots in Wings & Tail - Repaired Top cowling and Access door - Ventral Rate Indicator removed and sent out for overhaul (See Tag Book of Log Book) & Reinstalled - Alternator removed for Overhaul & Certification & Reinstalled (See Tag Book of Log Book) (Note static system not checked) - P.C. Rate Gyro removed for Reinstalled after Overhaul (See tag Book of Log Book) - AD 76-02-12 c/w by checking Bendix Ignition Switch for Proper operation found ok (Every 100 Hrs) AD 77-17-04 c/w by inspecting control wheel for cracks None found (Every 500 Hrs) AD 80-13-03 c/w Presumably on in line fuel to No. (checked at Tach 1587) - AD 73-21-01 c/w on gear & flight Controls by inspection & lubrication, Gear Refraction Check performed - AD 5th 81-08 checked	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG N2689W

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

4 May 81

I certify that this Aircraft ~~Engine~~ has been inspected in accordance with a Visual inspection and was determined to be in Airworthy Condition.

Air Frame Total Time 1587 Engine Total Time 1587
Tach Reading 1587 S.M.O.H. 504

Theodore Sapochnik

Theodore Sapochnik

I. A. - A. & P. #1296612

AIRCRAFT LOG

YEAR <u>80</u>		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
<u>21 JUNE 1980</u>						
		<u>REMOVED KN 77 CONVERTER KI 213 INDICATOR,</u> <u>INSTALLED KN 75 GLIDESLOPE RECUR + KI 209 INDICATOR/</u> <u>CONVERTER WEIGHT + BALANCE INFORMATION COMPUTED</u> <u>FROM PREVIOUS LOG BOOK ENTRIES AND IS PREDICATED UPON</u> <u>THAT INFORMATION BEING CORRECT.</u>				
		NEW EMPTY WEIGHT		1626.3 LBS		
		NEW USEFUL LOAD		948.7 LBS		
		NEW EMPTY WEIGHT C.G.		45.48 " LBS		
		NEW EMPTY WEIGHT MOM.		73938.1		
		C.A.A. INC.				
		FAA Form Serial # 10-83				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

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AIRCRAFT LOG

N268942

YEAR 18 April 80	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO. DAY					
				A/c Serviced & Lubricated As Per Specs - ELT checked Due date Dec 80 (Amd 39-3708)	
				AD 79-18-05 A/P by model MAKO 10 (Alkaline Battery) - Install all New Brake linings - Manifold Pressure Gauge Repaired by VIL Taster Shop (See Tag Book of Log Book)	
				w/ID# 9517 & reinstalled - AD 76-07-12 c/w by checking Bendix Igniter Switch for Proper Operation found ok (Every 100 hrs) - Installed New Cabin Door Seal -	
				Installed All New AirTex Interior Upholstery - Installed New Seat Belt Rupter model 65-80 - AD 73-21-01 c/w by inspection & lubrication of flight & gear Control Systems, gear retraction check performed - ADs thru 80-07 checked -	

AIRCRAFT LOG

N2689W

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
18 April 50			Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No. 18 April 50 Engine has been inspected in accordance with Annual inspection and was found to be in Airworthy Condition. Air Frame Time 1504 Engine Total Time 1504 Each Reading 1504 S.M.O.M. 421 (Carroll's Control) Theodore Sapoznik L.A. & P. # 1296572

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
21 MARCH 1980						
INSTALLED THE FOLLOWING EQUIPMENT THIS DATE - KING KX175B, KING KX170, KING KMA-20, KING KR-85, KING KI213, KING KI201, KING KN77, KING KN63, REMOVED KING KX150B, NARCO MK-12, NARCO MBT-12, KING KR-80 + NARCO UGR-3. SEE EQUIPMENT LIST FOR SPECIFIC LOCATIONS. WEIGHT + BALANCE INFORMATION WAS COMPUTED FROM PREVIOUS LOG BOOK ENTRIES AND IS PREDICATED UPON THAT INFORMATION BEING CORRECT. NEW EMPTY WT. 1628.6 LBS. IT IS THE PILOTS RESPONSIBILITY NEW USEFUL LOAD 946.4 LBS TO LOAD THIS AIRCRAFT WITHIN NEW EMPTY WT. C.G. 45.48" ALLOWABLE LIMITS. CONTINUED						

AIRCRAFT LOG

[illegible]

AIRCRAFT DATA

Book #2

(THIS PAGE MUST BE FILLED OUT COMPLETELY) 18 April 80

Tech 1504

MANUFACTURER MOONEY

MODEL M20E SERIAL NO. 1006

REGISTRATION NO. N2689W

DATE MANUFACTURED 1-27-66

MAXIMUM WEIGHT

TYPE

ENGINE MAKE Lycoming

MODEL IO-360 SERIAL NO. L-2006-51A

PROPELLER: MAKE HARTZELL

MODEL

BLADE MODEL 7666A-2

AIRCRAFT LOG

HOONEY AIRCRAFT, INC.

~~RADIO INSPECTION AND REPAIR~~

~~RADIO INSPECTION AND REPAIR~~

N 2689 a

[illegible]

Airframe FLIGHT LOG N2689W

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
14 June 79										
A/c serviced & lubricated its Rear Spars - ELT checked Due date 28 Nov 79 (NAC 10) AD 79-05-22 N/A by Airline Battery - Replaced Both Beam Bulbs - S/B M20-217 c/w by inspecting Rear Spar Center Splice for Cracks, none found Repeat Every 500 Hrs - AD 76-07-12 c/w by checking Bendix Ignition Switch for proper operation found ok (Every 100 Hrs) AD 75-09-08 no longer applies, Missing Kit & Gaskets installed Remedy 4/9/79 - AD 77-17-04 c/w by inspecting Control wheel for Cracks (Nyc checked) None found (Every 500 Hrs) - added O-ring seal to Cabin door - AD 78-17-01 N/A on ELT Antenna by model M-20E - AD 78-05-02 N/A on side gear Brace Bolts by model M-20E - AD 79-06-04 N/A on mistak Servo Bracket by N number N 2689W - AD 78-21-01 c/w by inspection & lubrication of flight & gear Controls, Year Retraction check performed - AD 79-11 checked -										
TOTALS TO DATE										

(Cont on following page)

Airframe REMARKS N2689W

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
14 June 79	
	14 June 79
	I certify that this Aircraft has has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition.
	Air Frame Total Time <u>1441</u> Engine Total Time <u>1441</u> Each Reading <u>1441</u> S.M.O. # <u>358</u>
	<u>Theodore Sapoznik</u> Theodore Sapoznik L.A. & P. # 1296522
	*Note Altitude Due Status check 7 July 79, also Xpander due Annual check 7 July 79

REMARKS

DATE

4-9-79 INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
TACH 1423

COMPLIED WITH AD 73-23-1 LUBRICATION OF FLIGHT
CONTROL AND LANDING GEAR BEARINGS, CHECKED LANDING
GEAR PRE LOAD. ENGINE MOUNT REMOVED, COMPLIED
WITH MOONEY SB 20-192-001 INSTALLATION OF
REINFORCING PLATES. SEE FORM 337 FOR DETAILS. THIS
OBLITERATES THE REPETITIVE INSPECTION REQUIRED BY AD
75-9-8. Robert P. Tannigan ATP 2056293

Airframe FLIGHT LOG N2689W

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
12 June 78	A/C Service & Lubricated Air Sea Specs — ECT checked due date Sept 78 (NACEDIO) — Installed New Taster Filter & D.G. removed & Overhauled									
	See Tag Book of Log Book & Reinstalled — Replaced Top Vent Rubber Seal —									
	AD 76-07-12 CFU by checking Bendix Ignition Switch for proper operation found ok (Repeat Every 100 hrs) — AD 77-17-04 Due on control wheels at									
	Tach 1765 (last inspected Tach 1265) — AD 73-21-01 CFU by Inspection & Lubrication of gear & flight Controls — Gear Retraction Check Performed —									
	Ads thru 78-11 checked —									
	(Cont on following page)									
TOTALS FORWARD										
TOTALS TO DATE										

Airframe REMARKS N2689W

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
12 June 78	
	12 June 78
	I certify that this Aircraft has has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition.
	Air Frame Total Time <u>1342</u> Engine Total Time <u>1342</u>
	Tach Reading <u>1342</u> S.W.O.H. <u>259</u>
	<u>Theodore Sapoznik</u>
	Theodore Sapoznik
	L.A.—A. & P. # 1296522
9/22/78	ELT BATTERY PACK REPLACED — Next Due 11/28/79
	J. Litch

FLIGHT LOG

[illegible]

REMARKS

[illegible]

FLIGHT LOG N2689W

15 June 77

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	Installed Navco UCR-3 glide slope Receiver on ATIS Electronic shop and Navco AR500 Altitude Digitizer in Distri Pad. Per Mfgs. Instructions & Hardware									
	area Empty WT —				16	22.5	LB			
	area Empty C.G. —				45	55	"			
	area Moment —				739	10.3	LB			
	useful load —				952.5		LB			
	* Note: static system must be checked and checked. Run up Transponder Receiver per FAR 91.177 check for functioning of system. JFR									
	Shodor Sanyouli AR 12966 (2) JFR									
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.177 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 30K FEET ON May 6 1977

SIGNATURE

DATE

CERTIFICATE NUMBER F.A.A. REPAIR STATION E13-12

NORTH EASTERN ELECTRONIC CO.
WESTERLY STATE AIRPORT
WESTERLY, R.I. 02891
401-596-0725

Complies 91.177
AR-500 set to correct altitude —
was off 300 feet —
JFR

Air Frame FLIGHT LOG N2689W

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
2 June 77	A/C Serviced & Lubricated Per Specs - AD 77-02-08 C/w by checking & UT for Corrosion none found & installed New Battery Due date 28 OCT 77 - Installed New Aircraft Battery (Gill 35 amp) & new Master Solenoid - Replaced all Brake Lines - Installed New Nose tire - AD 75-07-05 C/w Pressure on Propeller Check Dash for Proper RPM Check within + or - 25 RPM ok 5/15/08 - Installed New Ducted Aux fuel Pump P/N 4440-00 - 19A Serial # 6640 - AD 75-05-04 C/w on wheelbar side lights by installing top on Permit Heads - 5/2 1120-35 C/w by Check Top on Engine w/age Hinge bolts found ok & no gap & nuts - AD 77-08-06 (Rev 77-10) N/A by Stuart Warner oil cooler Model # 8432 F Serial # 3699 - AD 75-09-08 C/w by inspecting Engine Mount for Crack none found (Report Every 100 hrs) - AD 73-21-1 C/w by inspecting & lubricating of gear & flight Controls & Gear Retraction check									
TOTALS FORWARD										
TOTALS TO DATE										

Performed - AD 5 Air 77-11 checked - (Cont on following page)

Airframe REMARKS N2689W

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
2 June 77	
	2 June 77
	I certify that this Aircraft Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition.
	Air Frame Total Time <u>1234</u> Engine Total Time <u>1234</u>
	Each Reading <u>1234</u> S.M.O.H. <u>151</u> (MA # tech overland)
	<u>Theodore Sapoznik</u> Theodore Sapoznik L.A. - A. & P. # 12965A

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
5-20-76	TOTAL TIME AIR							I certify that this aircraft/engine has been		
	4 ENGINE 1167.9 (TACH)							Inspected in accordance with a 100 hour (an		
	TIME LAST 12 MOS. 30.9							annual inspection and was determined to be		
	DATE LAST ANNUAL 7-6-75							In an airworthy condition. Total time 1167.9		
								Date 5-20-76		
								Signed <u>H. Morrarty</u>		
								Harold Morrarty, IA 234240		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
July 9, 1976	Performed Pre-sale inspection. Performed Differential compression Test Results were as follows #1 cyl. - 76/80 #2 cyl. - 77/80 #3 cyl. - 78/80 #4 cyl. - 76/80. Jacked A/C and Performed gear Retraction. Visually checked engine and Airframe. Checked All A.D. notes To date for compliance.
	Norman La Ruen AEP 40363517
12/22/76	TACH - 1213 HRS GREASED AND LUBED LANDING GEAR, LUBED ELEVATOR CONTROLS AND REPLACED LAMP IN ROTATING BEACON. Keith T. Jones AEP 43582646

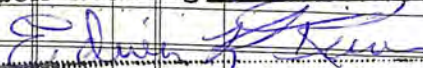
FLIGHT LOG

REMARKS

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
7/5/75	check + lub all controls given									
	Problems gear + retract landing									
	Gear Robert DeLoe							APP 2161243		
I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection, and was determined by me to be in airworthy condition. T.A.T. <u>11370</u> T.E.T. <u>8.M.O.H.</u> <u>DATE</u> <u>7/6/75</u> <u>TACH READING</u> <u>113703</u> TOTALS FORWARD <u>Edward N. Paulovski, Jr. IA1708486</u> TOTALS TO DATE										

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
7/6	
5/20	TACH READS 1167.9 TOTAL TIME 1167.9 Q/W A.D.
	NOTE 73-21-1 LUBRICATION OF FLT/LDG GEAR SYSTEMS.
	Q/W A.D. 76-7-12 BENDIX SWITCH FOUND TO OPERATE NORMAL.
	LANDING GEAR RETRACTION COMPLETED. REPACK ALL
	WHEEL BEARINGS. INSTALL NEW ELT BATTERY.
	ALL A.D. NOTES CHECKED TO DATE. NEW VAC. REG. FILTER
	INSTALLED. CHECKED FUEL SELECTOR SCREEN. AIRCRAFT
	INSPECTED IN ACCORDANCE WITH A 100 HOUR IWSP.
	AND FOUND TO BE AIRWORTHY.
	<u>R. M. Bolander</u>
	<u>APP 2163295</u>

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	LT main tire replaced - brakes replaced Elect. Fuel pump replaced									
	AT 50A expanded installed									
	Air filter replaced									
	All ADs checked through 73-12 for compliance									
							Date <u>21 Jun. 1973</u>			
							I certify that this aircraft, engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition.			
							Air Frame Total Time <u>1083</u>			
							Engine Total Time <u>1083</u>			
							S.M.O.H. <u>00</u> S.T.O.H. <u>—</u>			
							Tach Reading <u>1183</u>			
							 Edwin K. Reeves I.A., A. & P. #1428101			
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

REMARKS	
DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	Date _____ I certify that this aircraft, engine has been inspected in accordance with a _____ inspection and was determined to be in airworthy condition. Air Frame Total Time _____ Engine Total Time _____ S.E.O.H. _____ S.T.C.H. _____ Tach Reading _____ _____ Edwin K. Reeves I.A., A. & P. #1428101

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4/29/12	Tech. Rep.							Brakes Relined		
								Rm. Gleason, ABE 1185495		
8/9/12	Tach	993						Removed for repair & reinstalled Prop. Replaced new gear tires & tube Revised Logbook A + P 1852910		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	All controls & gear lubricated - also two outstanding A.D.'s
	Date 2-2-12
	I certify that this aircraft, engine has been inspected in accordance with and an NAVA inspection and was determined to be in airworthy condition.
	Air Frame Total Time 1080:00
	Engine Total Time 1080:00
	S.M.O.H. S.T.O.H.
	Tach Reading 1080:00
	Edwin K. Reeves
	Edwin K. Reeves
	I.A. & P. #1428101

FLIGHT LOG

[illegible]

REMARKS

REMARKS	
DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
71	
1/27	Tack time 865.3 greased nose wheel bearings, lubed all hinges, stop drilled crack in belly pan, serviced bellman 20-174 C/W. Prop gear retract test - OK, tied up loose wires under panel, cleaned vacuum sys. filter, serviced battery.
	Aircraft <u>unfamiliar</u> inspected <u>1/27, 1971</u> Date <u>1-27-71</u> T, T, <u>8.5.3</u> in accordance with <u>100 hr.</u> "I certify that this <u>A/C</u> has been inspected in accordance with a periodic inspection and was determined to be in airworthy condition." <u>Airworthy</u> condition <u>Richard W. Gleason A&E 1185495 I.A.</u> <u>Dennis C. Lippincott</u> Signature <u>Dennis C. Lippincott</u> A.P. <u>185291</u> Dennis C. Lippincott

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
12/17/69	TT-5	32	38					REMOVED PIC T+B SN-6462E INSTALLED PIC T+B SN-7338F James R. Miller ATP 1705885		
Dec 27, 1969	Compliance							AD Hatzel & SC's as per cellar sheet for of airport Ldg. Refuse Breakdown Refuse Main Refuse Routine Check A/E 74378 J. Miller		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	REMARKS
	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	I hereby certify that this (Aircraft) (Engine) has been thoroughly inspected as per existing C. A. R.'s in accordance with a (Procedure) Annual condition. (Engine) found to be in an Airworthy condition. (Engine) 682 hrs. A/C Total Time 682
	T.S.M.C. (Engine) hrs. Engine T. T. 682 hrs.
	Next Period is (30 days) Due Dec 1970
Dec 27, 1969	1A 74378 J. Miller
Date	Signature and License No.

[illegible]

REMARKS

DATE I hereby certify that this (Aircraft) MAINTENANCE (Engine) REPAIRS has been thoroughly inspected as per existing C. A. R.'s in accordance with a (Periodic) (100 Hr.) inspection and found to be in an Airworthy condition. Tach Time 508 Hrs. A/C Total Time 208.

T.S.M.O. H. Hrs. Engine T. T. 508 Hrs.

Next Periodic (Relicense) Due November 1969.

Nov 28, 1968 1A743718 T.J. / M
Date Signature and License Number

WILLMAR AIR SERVICE, INC.; WILLMAR, MINN.

Whereby certify that this (Aircraft)
(Engine) has been thoroughly
inspected as per existing C. A. R.'s in accordance with a
(Periodic) inspection and found to be in an Airworthy
(100 Hr.) condition. Tach Time _____ Hrs. A/C Total Time _____.

T.S.M.O. H. _____ Hrs. Engine T. T. _____ Hrs.

Next Periodic (Relicense) Due _____.

Date _____

Signature and License Number _____

WILLMAR AIR SERVICE, INC. : WILLMAR, MINN.
INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

REMARKS

DATE

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
TOTALS FORWARD										
TOTALS TO DATE										

Date 7-9-68 Airplane Time 369.90
Installed Hartzell Propeller,
Serial No. CH-457, which was repaired by
MAXWELL AIRCRAFT SERVICE, INC. "PROP-SHOP"
ROBBINSDALE, MINN., REPAIR STATION NO. 3725
A description of the repair is on file at
that agency under Work Order No. 34840
Dated 7-9-68 James B. [Signature]
ATE 1133441

MAXWELL AIRCRAFT SERVICE

MAXWELL AIRCRAFT SERVICE
CRYSTAL AIRPORT

[illegible]

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
Nov. 10, 1967	TACH READS - 315.63 ANNUAL INSPECTION USING MOONEY FORM AS GUIDE COMPLETED THIS DATE. CLEAN & PACK WHEEL BEARINGS. REPLACE MAIN GEAR TIRKS, BOTH SIDES. REPLACE BRAKE LININGS LEFT SIDE. CHECKED MAIN GEAR PRELOAD, O.K. CYCLE GEAR. CHECK LIGHTS, ETC. ALTIMETER OVERHAULED STATIC CHECK PERFORMED BY R-L INSTRUMENT CORP. TACH W.D 1757, 1758, 1759, DTD 11-9-67 - NO D.D. NOTES APPLY TO THIS AIRCRAFT SEEN NEXT PAGE →									
TOTALS FORWARD										
TOTALS TO DATE										

I certify that this aircraft has been inspected in accordance with the requirements of the Federal Aviation Regulations and is in satisfactory condition for flight.

REMARKS

DATE Nov 10, 1967 INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Aircraft No. 67-28 Condition Good

Remarks: Operational for flight satisfactory.

Date Nov 10, 1967 Mfrs 315.63 MAINTENANCE RELEASE

William D. Fry No aircraft and/or component identified above was repaired or altered in accordance with current Civil Air Regulations and VFR requirements for return to service.

WEP-12886231A

2725 -

DATE Nov 10, 1967

Richard K. Kelly Inspector

STANDARD AERONAUTICAL CORP. CERT. NO. 1065

W. EVELAND HOPKINS AIRPORT

FLIGHT LOG

FLIGHT LOG										
DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
MARCH 14, 1967 TACH READS - 183.03 ANNUAL INSPECTION COMPLETED THIS DATE PER MOOREY - FORM. No A.D. NOTES APPLY THROUGH 67-6. I certify that this aircraft has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in <u>Good</u> Condition. A.D. notes thru <u>67-6</u> for compliance. Operations present satisfactory.										
Date <u>MARCH 14, 1967</u> Hrs. <u>183.03</u>										
IA <u>William D. Fay</u>										
<u>DEP-1288623TB</u>										
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	MAINTENANCE RELEASE
	The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy to service.
	Pertinent details of the repair are on file at this agency under work order NO. <u>2143</u>
	DATE <u>MARCH 14, 1967</u>
	SIGNED <u>Richard Kailay</u> FOR
	<u>Inspector</u>
	SUNDERPH AERONAUTICAL CORP. CERT. NO. <u>1065-</u>
	CLEVELAND HOPKINS AIRPORT
	CLEVELAND 25, OHIO

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
JULY 6, 1966	TACH READS 72.89							REMOVED CABIN DOOR LOCK & RT. SEAT BOTTOM		
								William D. Fry		
								WFR 12886230R		
SEPT 2, 1966	TACH READS 108.42							INSTALL KING KR-80 ADF PANEL UNIT, LOOP ANTENNA, & MOONEY SENSE ANTENNA IN ACCORDANCE W/ DWG. 310113. THE EQUIPMENT LIST FOR THE AIRCRAFT REFLECTS THESE CHANGES. NEW ELECTRICAL LOAD OF 31.35 AMPS WILL NOT		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	EXCEED 30% 40 AMPS OF TOTAL 50 AMP GEMM MOTOR CAPACITY — ALL EQUIPMENT INSTALLED USING FACTORY PARTS & IN LOCATIONS SPECIFIED BY MANUFACTURER WT & BAL DATA IS AS FOLLOWS
	CAT. E.W. ECG. USEFUL LOAD. MOMENTS
	NORMAL. 1612.4 45.48 955.6 73658.3
	100 HOUR INSPECTION PER MOONEY FORM COMPLETED THIS DATE. REPLACE TAIL LIGHT BULB. ADJUST RIGHT MAIN GEAR PRELOAD. SERVICE TIRES REPAIR WHEEL BEARINGS. LUBRICATE AS NEEDED. NO AD
	NOTES APPLY TO THIS AIRCRAFT
	SEE NEXT PAGE.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

JUNE 2, 1966 TACH READS - 50.88 50 HR, INSPECT-
ION COMPLETED PER SAC EDAM. DL CHANGED
8 QTS 150 DETERGENT ADDED. SEAL WINDSHIELD
CENTER POST William D. J. J.
NCP-1288 6237A

SUNDORPH AERONAUTICAL CORPORATION

Subsidiary of Cleveland Hangars, Inc.

CLEVELAND HOPKINS AIRPORT

CLEVELAND 35, OHIO

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.		REMARKS		
APRIL 20, 1966	TACH REPAIRS - 2A, 2D							INSTALL VORCO MARK XII POWER UNIT IN RADIO RACK.		
								INSTALL T12 M12 POWER SUPPLY ON RADIO RACK		
								INSTALL MBT 12 MARKER BEACON IN OPENING PROVIDED		
								INSTALL VOR A INDICATOR - IN PANEL OPENING SUPPLIED BY MANUFACTURER		
								12, MOVE WHIP ANTENNA FORWARD IN FRONT OF PANEL		
								INSTALL VORCO V10 ANTENNA IN PLACE OF WHIP		
								USING EXISTING DOUBLER, POWER TAKEN FROM AIRCRAFT BUS THROUGH 20 AMP CIRCUIT BREAKER		
								POWER FOR MARKER		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS										
	BEACON TAKEN FROM AIRCRAFT BUS - THROUGH 2 AMP FUSE IN LINE. ELECTRICAL LOAD OR 30.35 AMPS WILL NOT EXCEED 80% (40 AMPS) OF TOTAL GENERATOR CAPACITY OF 50 AMPS. THE EQUIPMENT LIST FOR THE AIRCRAFT REFLECTS THESE CHANGES. WT. & BALANCE INFORMATION IS AS FOLLOWS:										
	<table><tr><th>CAT.</th><th>E. WT.</th><th>ECG</th><th>USEFUL LOAD</th><th>MOMENTS</th></tr><tr><td>NORMAL.</td><td>1613.4</td><td>45.43</td><td>961.6</td><td>73298.3</td></tr></table>	CAT.	E. WT.	ECG	USEFUL LOAD	MOMENTS	NORMAL.	1613.4	45.43	961.6	73298.3
CAT.	E. WT.	ECG	USEFUL LOAD	MOMENTS							
NORMAL.	1613.4	45.43	961.6	73298.3							
	William D. Fay										
	W&P-1288623A										

FLIGHT LOG

[illegible]

REMARKS

DATE
66

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

CERTIFICATE OF AIRWORTHINESS
FORM 1362 ISSUED THIS DATE

2-18 2-18-66

BY *Thomas D. Webb* DMCR Supt
THOMAS D. WEBB

AIRCRAFT DESCRIPTION

Manufacturer MOONEY Place _____ Date 1-27-66
 License No. N-2689W Type M20E Serial No. 006

Description _____

Reconstructed By _____ Place _____ Date _____

Seating Capacity (Crew Included) _____ Weight Empty _____ Weight Loaded _____

Wing Area _____ Sq. Ft. Control Area _____ Sq. Ft. Span _____ Length _____

Tires Main _____ Tire Tail _____ Brakes _____

Owner _____ Address _____

City _____ State _____

EQUIPMENT DESCRIPTION

Propeller Hartzell Hub Design HC-C2YK-1B Hub Serial No. CH-457

Blade Design 7666A-2 Blade Serial No. A90077 Blade Serial No. A91588

Pitch _____ Width B93939 Diameter 74" B93932

Engine LYCOMING Model IO-360 Serial No. L-2006-51A

Rated H. P. _____ Bore _____ Stroke _____

Receiver _____ Model _____ Serial No. _____

Transmitter _____ Model _____ Serial No. _____ Output _____

Generator _____ Model _____ Serial No. _____ Amp. _____ Volt _____

Starter _____ Model _____ Serial No. _____ Volts _____

Power Unit _____ Model _____ Serial No. _____ Volts _____