

AIRCRAFT LOG

MOONEY AIRCRAFT LOG

AIRCRAFT DESCRIPTION

Manufacturer Mooney Place _____ Date 10-31-69

License No. N9370V Type M-20F Serial No. 700014

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	Hub Design	Hub Serial No.		
Blade Design	Blade Serial No.	Blade Serial No.		
Pitch	Width	Diameter		
Engine <i>Lycoming</i>	Model <i>IO-360</i>	Serial No. <i>L-13645-1A</i> L-6752-51A		
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	

REMARKS

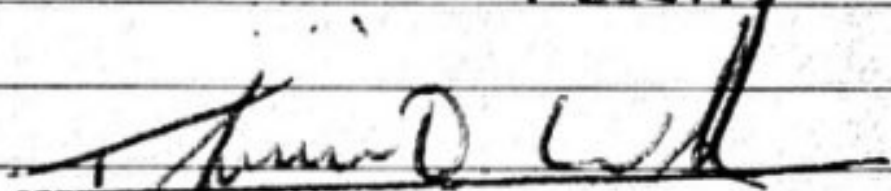
DATE 69 INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

11-3

I certify that the Altimeter and Static System tests required by FAR Parts 91.170 have been performed. The Altimeter has been tested to 30,000 feet. 7-8-69

AIRCRAFT
MOONEY CORPORATION
TC2A3

BY



I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENT OF FAR 21.183 CERTIFICATE OF AIRWORTHINESS DATED 11-3-69 WAS ISSUED BY ME Claude A. Perry FAA SW-EMDO-43

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

April 20, 1970. Installed Macco Mack 8 Rods
 in accordance with Mooney Ord. 81019.
 installed curtains in accordance with Mooney
 Ord. 950184; installed Perdex ADF-T-12@
 in accordance with Mooney Ord. 810186.
 installed Slide Slope culverts & expanded vent
 boxes. New Keeney & Iron Head for
 Slide Slope; install required culverts
 new entry weight 1087.3
 new entry center of gravity 44.2
 new useful head 1052.7
 AFE 743718

J. J. Glen

REMARKS

426.56

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

12-11-70

Tach & Total Time 328.4 hrs
 Replaced omni antenna. Replace brackets
 on spinner bulkhead
 I certify that this airframe has

been inspected in accordance with a

100 hr. inspection and was found

to be in an airworthy condition.

Larry V Gassem

Refer AMI

Work Order

1176

DATE 12-11-70 TACH. 328

A-1896623

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

DON F. HENDRICKSON

AP 567739 I.A.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

June 24 1971. Installed new AT 50 transponder, installation performed in accordance with guidelines set forth in FAA A/c 43.13-112 chaps 2, 3, & 11 A/c and equipment updated and inserted in A/c weight and balance papers/documents.

NORTHERN AIRMOTIVE INC.

WOLD CHAMBERLAIN FIELD

MINNEAPOLIS, MINNESOTA

BY Ray Anderson

F. A. A. APPROVED REPAIR STATION 3936

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Nov 5, 1971 Install New Emergency Tel
Group Extension cable PN 950B2-001
and new Gen Box # 207600.00 Reg.
Engage trouble & cable. Check Ser.
Att 743718
J. J. Allen

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

*AUG 10, 1972 TACH 535:22
 Replaced right main brake
 linings.*

NORTHERN AIRMOTIVE INC.
 WOLD CHAMBERLAIN FIELD
 MINNEAPOLIS, MINNESOTA

BY *Robert B. Patton*
 F. A. A. APPROVED REPAIR STATION 3936

REMARKS

DATE

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 ~~(Annual)~~ ^{Annual} inspection and found to be in an Airworthy condition. Tach Time 598 Hrs. A/C Total Time 598.

T.S.M.C.H. Hrs. Engine I. T. 598 Hrs.

Next Periodic (Relicense) Due January 1974.

Jan 13, 1973
Date

1A743718
Signature and License Number

WILLMAR AIR SERVICE, INC., WILLMAR, MINN.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

8-13-73 - TACH reads 745. Installed SHAC-7
ELT AT STA 131. Form 337 & W & B
Recomputed. C. Mattman A & P 1690547
See W & B sheets

*

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

1/21/75 Total Time 1022 hrs. Repaired damage to belly after gear up landing. Complied with A.D. 73-21-1 Lubricating gear & flight controls. Complied with A.D. 74-15-15 by installing P/N 04105-002. Installed new engine this date.

I certify that this aircraft has

been inspected in accordance with a

Annual inspection and was determined to be in an airworthy condition. Pertinent details of the repairs performed are on file

at this agency under work order no. 4039

Date 1/21/75 Signed M. Marv

Marv's Aero Repair
CRS 3426

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1/15/76 Installed new tach 00:00 1261 hrs.
 Complied with A.D. 73-21-1 by lubing gear
 & control rod ends & checking overcenter torque.
 Complied with A.D. 75-23-04 by checking gear
 for wear & replacing washers J/A/41 S.B. M 20-190
 Installed remote compass. See 331 this date.

I certify that thisaircraft..... has
 been inspected in accordance with a

Annual inspection and was determined
 to be in an airworthy condition. Pertinent
 details of the repairs performed are on file
 at this agency under work order no. 0731

Date 1/15/76 Signed Marvin Jusomelo

T.T. 126 hrs

Marv's Aero Repair
 CRS 2426

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

9/3/76 Installed Davtron Digital
clock in left panel in
opening provided by AC Mtg
in accordance w Davtron
instructions. note w/T change

Laurence Pan
A6P 2016997

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

April 6, 1977

I certify that the altimeter and static
system tests required by FAR part 91.175
have been performed. The altimeter

was tested to 30,000 feet on 4-6-77

Signature

James P. Hicken

Certificate

No. 516628711 date 4-6-77

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

9/26/77

C/W AD 77-17-04 by visual check inspection
C/W AD 77-08-06 - oil cooler is not of model
covered in this AD.
C/W AD 77-18-01 - oil cooler is not model
covered in this AD

Gordon F. Welch
AIP 502584847

UNITED STATES OF AMERICA
 DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:		SPECIAL FLIGHT PERMIT		
	PURPOSE:		ANNUAL INSPECTION		
B	MANUFACTURER	NAME	N/A		
		ADDRESS	N/A		
C	FLIGHT	FROM	ORTNER AIRPORT		
		TO	HURON AIRPORT		
D	N— 9370V		SERIAL NO.	700014	
	BUILDER	MOONEY	MODEL	M-20	
E	DATE OF ISSUANCE		6/1/79	EXPIRY	
	OPERATING LIMITATIONS DATED		6/1/79	ARE A PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE			DESIGNATION OR OFFICE NO.	
 GEORGE G. DONNER			AGL-GADO-6		

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

JUNE 11

1979

AIRCRAFT INSPECTED AND FOUND AIRWORTHY TO
FLY

Paul J. Williams

30256/1752

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

6-22-1979

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH A manual INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Alvin J. White
A.I. # 1-16621

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENS NUMBER
			Up	Down	Hours	Min.				
8/4 1980	TACH TIME				605.97			Changed nose tire. Perch all wheel bearings, checked & lub. fuel control system, gear lubricated & pretreated checked. AD. 73-01-01 C/W by lubricate, con AD. 80-13-03 C/W by install fuel filter. AD 75-04-08 } 75-23-04 } due 679-20 77-17-04 } due 779-20		
<p>I CERTIFY THIS ^{aircraft} HAS BEEN INSPECTED IN ACCORDANCE WITH AN ^{annual} INSPEC- TION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. DATE: <u>8/4/80</u></p>										
TOTALS FORWARD										
TOTALS TO DATE										

N 9320 TACH TIME 605.97 T.S. - 1866.97
 LA: B. C. F. 2208382

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

9/3/80 Removed NRCO MK 8 + Bendix + IAC Radios.
 Installed New KX-175, KT-909, KN-75, KR-86
 These units were installed according to the
 Manufacturer's installation instructions for those
 units and pertinent Parts of AC-43313A, Parts 1+2
 all A/C papers have been amended & corrected
 for New Weight & Balance see HERO TRONKS
 Supplement ~~to~~ this DATE - RA Vanhook
 HERO TRONKS INC
 @RS-3167

DATE	FLIGHT	OF Pass.	Up	Down	Hours	Min.	Flown	REMARKS	SIGNATURE	LICENSE NUMBER
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I certify that the altimeter and static system tests required by F.A.R. Part 91.170 have been performed. The altimeter has been tested to 22,000 ft.

Date 9/3/80 Aircraft Total Time
I certify that the Transponder Test & inspection required by FAR 91.177 has been performed and found to comply with FAR 43, Appendix F.

Signature PA Van Dyke

Signed PA Van Dyke

Date 9/3/80

CRS # 3167

Certificate No. 1662013

AEROTRONICS, INC.

TOTALS FORWARD
TOTALS TO DATE

Ph. 259-5006 - 259-4323
Logan Field-Billings, Mont. 59101
F.A.A. Station 3167

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

9-7-80 ELT BATTERY Replaced.

SEE ADLOG SYSTEM LOG # 2
for further entries After 9-7-80

REMARKS

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

3/13/81 Installed New Reostat Switch
For Cockpit lights.
Tail 685.66 Roy & Mager 2341440 t3p.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

5-29-81

Removed Mooney Audio System and installed King KA134 Audio Control system. This work was done according to Manufacturer's Installation Instructions & Replacement Parts of A/C 43-13 parts 1 & 2.
No Weight & Balance change.

Mark J. Elmer
Aerotronics Inc
CKS 3167
Billings Montana

Complied with
 Complied with Hartzell

12/26/81

TT
 Tach

20:37:42
 766:42

FLIGHT LOG

FLIGHT	of Pass	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS - ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
		Up	Down	Hours	Min				
							Inspected Inspected cables & pulleys, cleaned brakes & Battery, C/W a SB m30-155 Rod ends Complied with AD 76-07- Ignition Switch, det. C/W AD 75-23-04 Amdt 39- inspected & Labeled as Amdt 39-3258 EFF 7/77 C/W AD 75-09-08 Amdt SB m30-192. Installed Gear Cycled & Inspected.		
TOTALS FORWARD									
TOTALS TO DATE									

END

REMARKS

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

all Surfaces Fixed & movable, Attach points,
 inspected & repacked wheel bearings, serviced
 AD 73-21-01 Amdt 39-1729 eff 10/10/73 par (a)
 & links Labeled as necessary & inspected
 12 Amdt 39-3575 eff 8/30/77 par 1(a)(b)(c)
 minel Airworthy. Next Insp due tach 866.42
 3415 eff 12/8/75 par (a) & (b) gear motor active
 Necessary IAW SB m30-190. C/W AD 77-17-04
 78 par. (a) & (b) Control wheel shaft inspected.
 39-2181 par (a) engine mount inspected IAW
 Fresh overhauled prop Hartzell HC-22K-1BF/FRWA-2
 S/W CH 8281 overhauled by Maxwell A/C
 per W.O # 71302 9/1/81. (See Next Page)
 Attached Maintenance Release.

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				
	Installed the following New Parts. 1ea. 230015-503 LH Aileron, 1ea. 227236 Spinner Brake disc Rotors. Aircraft completely stripped & cleaned. Aircraft completely repainted using DuPont Imron 8174 White, 444561 Lt. Dark Burgundy, & 44434 Lt Silver. All work done in accordance with 43:13.1A42. CIW AD 73-24-01. Under 547091 eff 10/10/23 landing gear - Retraction test @ Cuelo Rigging IAW Mochey SA 1120-155. DATE 9/28/81 TACH 766.42 T. The time 20:27:42									
	I certify that this <u>Airframe</u> was inspected in accordance with a <u>100HR.</u> inspection, using manufacturers guide, and was determined to be in Airworthy condition. <u>Blair D. Meyer AIP 2791440</u>									
TOTALS FORWARD										
TOTALS TO DATE										

DATE	INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS
	650074-503-Top Cowling, 1ea. 340121-015 Washshell Assy, Replaced Stall Warn Horn, Replaced & cleaned. Aircraft completely repainted. Lt. Dark Burgundy, & 44434 Lt Silver. All work done in accordance with 43:13.1A42. CIW AD 73-24-01. Under 547091 eff 10/10/23 landing gear - Retraction test
	I certify that this <u>Airframe</u> was inspected in accordance with a <u>100HR.</u> inspection, using manufacturers guide, and was determined to be in Airworthy condition. <u>Blair D. Meyer AIP 2791440</u>
	<u>Blair D. Meyer</u> JA 50256128L

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

2/23/82 Replaced Engine driven Vacuum
Pump with New Airborne 211 CC
S/N 9H 11127. ~~FND~~

Roger D. Meyer ATP 2241440

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
192 dated 4/7/75	Engine mount inspection. C/W
AD 75-23-04	Rev 2415 dated 12/8/75 for b
SB MA20-190	part II dated 1/16/75. Lubed gear Actuator.
C/W AD 76-07-12	Rev 3024 dated 8/30/77 for 1 a, b, c Bendix
10/11/82	Operational check ok end
	TACH TIME 835:5 TOTAL TIME 2096:5

I certify that this Airframe was inspected in accordance with a 100 HR inspection, using manufacturers guide, and was determined to be in Airworthy condition.

Roger D. Meyer
AIP2241440

DATE 10/11/82 TACH TIME 835:5 TOTAL TIME 2096:5

I certify that this Airframe was inspected in accordance with a Annual inspection,

using manufacturers guide, and was determined to be in Airworthy condition. *Richard L. Inso* 12/51

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
7/20/83	Tech 88/17	Rechecked RH Fuel tank upper Access panel per Monney SM 106			
Rev 8/1/81		with Model 654 scan kit.			
		Robert Muggen			AP 2241440
		SEE REPAIR			For Additional Entries
					AP 2241440

RADIO INSPECTION AND REPAIR

The altimeter and encoder tests required by FAR 91.171 have been performed and found to comply with FAR 43 Appendix E Paragraph (b). Altimeter SN 5638 tested to 20,000 feet, date 3/16/83. Encoder SN 5638 tested to 20,000 feet, date 3/16/83. The static system tests have been performed and found to comply with FAR 43 Appendix E Paragraph (a) OK. The ATC transponder tests required by FAR 91.172 have been performed and found to comply with FAR 43 Appendix F. Transponder model AT50 SN 10DN6. The integrated system has been tested and found to comply with FAR 43 Appendix E Paragraph (c) OK. Details of these inspections are on file at this repair station under work order 5329.

Signed [Signature] date 3/16/84

WAY-POINT AVIONICS, INC - CRS D04-14

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11/21/83	TACH 2155.7	Tach 894.7 Cleaned, Inspected & Repacked Wheel Bearings, Serviced Brakes, & Battery. Replaced ELT Battery Due 7/86. Inspected All Surfaces Fixed & Movable, Attach points, + Push Pull Tubes. Replaced The Following ⁱⁿ new parts: 1 ea S4004-505 Nose Gear Truss Assy, 1 ea 721295 steering Assy, 1 ea F34-14L & 1 ea REM3-4-2 Heim bearings, 1 ea AN 7-50 Bolt, 2 ea AN 6-33A Bolts, 1 ea AN 4-21 Bolt, & All new Nuts & Washers As Required. C/AD 73-21-01 dated 10/10/73; Lubed All Flight Control & Landing gear systems Red seal Brgs, per para. Performed Landing gear Retraction test & checked gear rigging per para C. R/O 200 hrs. C/W AD 75-09-08 dated 11/30/75 Inspected Engine mount per para. R/O 100 hrs. C/W AD 75-23-04 dated 12/8/75 Removed Gear Actuator From Aircraft, Cleaned & Inspected gear for wear per para. R/O 200 HRS, Lubed Gear Actuator per para B. R/O 100 HRS. C/W AD 76-07-12 dated 8/30/77 Tested Ignition Switch per para 1 a, b, c. Aircraft test Flow N Satisfactory — END —	

DATE 11/21/83 TACH TIME 894.7 TOTAL TIME 2155.7 DATE 11/21/83 TACH TIME 894.7 TOTAL TIME 2155

I certify that this Airframe was inspected in accordance with 100 H.R. inspection, using manufacturers guide, and was determined to be in Airworthy condition.

I certify that this AN 7-50 Bolt was inspected in accordance with a Manual inspection, using manufacturers guide, and was determined to be in Airworthy condition.

Robert D. Meyer
A&P 22414140

Walter H. H...

MAINTENANCE RECORD

F.A.R. 43.9

F /ION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SE
84	898:11	Replaced Light (instrument) cord with New P/N 800275-509 Repair Meggers	ATP 2241440
28/84	903:76	Replaced Attitude Indicator - Gyro w/overhauled unit S/N A161065. Maintenance Release Attached CRS # C-14-38 w/4388 Repair Meggers ATP 2241440	
6-6-84	945:4	Tach. Installed new Hartzell propeller model HC- C2415-1BP-F7666A.2 S/N 27201 on this Airf. this date. WO # 3370 M 1 91 W ick	BoStn Aviation R.S. 207-506
9/15/84	Tach 969:3	Replaced Marker beacon Antenna, Replace Cig lights, Replaced Nose & main gear tire tubes. Repair Meggers ATP 2241440	

NOTATION

MAINTENANCE RECORD
F.A.R. 43.9

O.
SERVICE



BAKER AIR SERVICE

"COMPLETE REPAIR FOR ALL TYPES OF AIRCRAFT"

BAKER, MONTANA 59313 PH. 406-778-3508

MAKE: Mooney

MODEL: M20F

S/N: 700014

N 9370V

DATE: 10/19/84

TACH: 969:3

T/T: 2220:3

Cleaned, inspected, and repacked wheel bearings. Serviced brakes and battery. ELT battery to be replaced by 7/86. CW AD73-21-01, 10/10/73 by lubing all flight controls and landing gear systems rod end bearings per Par(a), and performed landing gear retraction test & checked gear rigging per Par.(c). [r/o 12 mos. or 100 hrs]. CW AD75-09-08, 4/30/75, Inspected engine mount per Par. (a). [r/o 100 hrs]. CW AD 75-23-04, 12/8/75, Lubed landing gear actuator per Par. (b) [r/o 100 hrs.] Par.(a) due at tach 1094:7. CW AD 76-07-12, 8/30/77, tested ignition switch per Par. 1, (a), (b), & (c). Aircraft test flown satisfactory***end*****

I certify that this AIRFRAME was inspected in accordance with an annual inspection, using manufacturer's guide, and was determined to be in airworthy condition.

Roger D. Meggers A&P 2241440IA

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	TACH 989.8	TOTAL TIME 1219 ^{ERLEY} 11/26	
		C/W AD 75-23-04 - INSPECT + LUBE LAND GEAR	
		C/W AD 73-21-01 - LUBE CONTROLS	
		C/W AD 75-09-08 - ENGINE MOUNT INSP.	
		AD 77 77-17-04 DUE @ 1266 T.T.	
		C/W AD 76-07-12 - BENDIX SWITCH	
		CLEANED & REPACKED WHEEL BEARINGS - CHECKED LIGHTS -	
		SERVICED BATTERY - CLEANED FUEL FILTERS - CHECKED BRAKES -	
		CHECKED & LUBRICATED ALL CONTROLS - CHECKED GEAR	
		OPERATION - EMERG EXTENSION CHECKED - NEW "O" RINGS ON	
		FUEL CAPS - LUBED LAND GEAR ACTUATOR - CHECKED	
		LAND GEAR PRELOAD - INSTALLED NEW AIR INLET DUCT	
<p>I certify that this <u>AIRCRAFT</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition</p> <p>YACH <u>989.8</u> T.S.N. <u>1219.0</u> T.S.N. <u> </u></p> <p>DATE <u>5 NOV 1985</u> SIG. <u>Clarence Bohartz</u></p> <p>CLARENCE BOHARTZ <u>FA</u> 1543219 RENO NEVADA</p>			

5-17-86 Tach 993.2 repaired left wing tip with skin patch Rich Simpson A+P 546761697 IA

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
July 31, 1986		Adjusted cabin door latch, ops checks ok. S Replaced valve	
Tach 1002.23		cores in main tires to stop slow leaks. Tightened leaking	
W/O-0160		Fuel line forward of firewall, ops checks ok. Replaced	
		2ea fuses in panel light dimmer assy & removed ADF	
		for repair of shorted internal lighting circuit, ops checks ok.	
		CLASSIC'S IN AMERICAN AVIATION - James J. Olson	
		4825 Texas Ave	A&P 537660341
		Reno, Nr. 89506 (702) 972-5540	

I certify that the Altimeter and Static System tests required by FAR 91.171 have been performed. The Altimeter Model 440B S 5638 was tested to 20,000 feet and complies with FAR appendix E. Details of this inspection are on file at this repair station under W/O # 6359.

Date 10-25-89
 Authorized Signature J. Martin
 Certificate No. 1533483

MARTIN AVIONICS
 FAA R.S. No. ~~400-04~~ 411-25
 Reno, Nevada 89502

ATC Transponder tests required by FAR 91.172 were performed 10-24-96 and complies with FAR 43, appendix F, Model AT-50 S/N 100NL. Details of this inspection are on file at this repair station under W/O # 6359.

Authorized Signature J. Martin
 Certificate No. 1533483

MARTIN AVIONICS
 FAA R.S. No. ~~400-04~~ 411-25
 Reno, Nevada 89502

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
	2155.7		TOTAL brought forward from previous page Tach 894:7		
11/21/83	2155.7	894:7	Cleaned, Inspected, & Repacked Wheel Bearings, Serviced Brakes, & Battery. Replaced ELT Battery due 7/86. Inspected All Surfaced, Fixed & Movable, Push & Pull tubes, & Attach Points. Replaced the following with New Parts: 1ea. Nose Gear Assy truss P/N 54004-505, 1ea 720095 steering Assy, 1ea F34-14 ¹⁰⁰ & REP13-4-2 heim bearing, 1ea AN7-50 Bolt, 2ea AN6-33A Bolts, 1ea AN4-21 Bolt, & All new washers & Nuts as Required. C/w AD 73-21-01 dated 10/10/73; lubed all Flight Controls & Landing gear Rod end Bearings per par a. Performed Landing gear Retraction test & checked gear Raising per par c. R/o 100hrs or 12 months. C/w AD 75-09-08 dated 11/30/75 ^{4/30/75 AM} Inspected Engine Mount per par a. R/o 200hrs. C/w AD 75-23-04 dated 12/5/75 ^{12/5/75 AM} Removed gear Actuator from Aircraft, Cleaned & Inspected gears for wear per par a. R/o 200hrs, lubed gear Actuator per Par B. R/o 100hrs. C/w AD 76-07-12 dated 8/30/77 tested Bendix Ignition Switch per par 1 abc, Aircraft test FLOWN OK.—END		
DATE	11/19/83	TACH TIME	894:7	TOTAL TIME	2155:7
I certify that this <u>Airframe</u> was inspected in accordance with a <u>100 HR.</u> inspection, using manufacturers guide, and was determined to be in Airworthy condition. <u>[Signature]</u> AIR 3241410					
DATE <u>11-19-83</u> TACH TIME <u>824</u> TOTAL TIME <u>2155</u>					
I certify that this <u>Airframe</u> was inspected in accordance with a <u>Annual</u> inspection, using manufacturers guide, and was determined to be in Airworthy condition. <u>[Signature]</u> IA 50261281					

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
11/30/88	2262	1011	<p>Hobbs 1973 hrs. Time flown since last Annual on 11/5/85 is 26 hrs. I certify that this aircraft has been inspected in accordance with the Mooney Service Manual for an Annual inspection and was determined to be in an airworthy condition. All ADs applicable to the airframe, engine and accessories are in compliance at this time. See "AD Index" this Log. AD 85-24-03 (Fuel Tanks and Filler Cap Assm) has been complied with per par A/B by insp and replacement of necessary parts. AD 86-01-06 (Airborne dry air pump) is N/A by mod. Four gear extensions and retractions performed, two emer gear extensions performed. Repairs made to instrument lighting system, encoding altimeter, ADF lighting system, paint on left wing tip. Replaced aircraft battery (Gill G-35), fuel selector decals, Inductron air filter (Bracket BA1305), ELT battery (Merl BP1015) ELT battery due 8/88 - END -</p>
<small> REASON: EXCESS AVIATION & HOWARD THE CALIFORNIA WASHINGTON 92-83-813 </small>			
4-16-89	1059.3		<p>CHANGED BOTH MAIN TIRES/INSTALLED NEW B.F. GOODRICH 600X6 GPC TIRES, REPACKED BEARING RETRACTION CK COMPLETED MAIN FUEL STRAINER CLEANED, ONE NEW TUBE BELT LT. MAIN TIRE</p>
SUB-TOTAL this page W.D.# 0069 TMAC TOTAL—Carry forward to next page			Bennie Rowe A7P1914909

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8		TOTAL	brought forward from previous page
12-20-87	1199.54		<p>opened h/t fuel cell installed Mooney quick drain kit. Retraction Tested aircraft lubed retraction systems removed all plates lubed aircraft control system w/ AD 73-21-1R damper switch tested w/ AD 76-7-12R p/w A,B,C, installed new o-rings in fuel cell caps tested steam for leaks packed all wheel Brgs. inspected control system for security & travel approved for return to service Robert A. Swarm A&P 1449923</p>
			<p>Date <u>12-20-87</u> Hours <u>Tot 1199.54</u> I hereby certify that this <u>airframe</u> has been inspected in accordance with an <u>annual</u> inspection and is determined to be in an air-worthy condition. Robert A. Swarm A&P 1449923 IA</p>
1/6/89	2451	1300	<p>Time flown since last annual of 12/20/87 is 100 hrs. I certify that this airframe has been inspected in accordance with the Mooney Service Manual for an Annual inspection. All AD's applicable to this airframe and its components are in compliance at this date and can be reviewed in the appropriate section of this log. AD 75-23-1 (Changing Gear Actuator Pulses) AD 73-21-01 (Flight Controls Gear) cow by insp. p/w 496.00-1C) c/w by inspection and repair</p>
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			TOTAL brought forward from previous page
			License to A-13. Also Mooney Kit M20-190-001 (Dukes Gear kit) installed this date AD 76-07-12 (Ignition Switch) c/w by inspection. Gear retraction (10 ea) accomplished and aircraft test flown IGT battery due 10/90 - END Mason Valley Aviation A. Howard AP330303910IA

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	I certify that the equipment tests have been performed. R. _____ The static system The automatic pressure	ALTIMETER SCALE ERROR		SERIAL NO.	
				TEST PT (FU)	INDICATOR READINGS AT + 25 °C	TEST PT (FU)	INDICATOR READINGS AT + 25 °C
1/13/89		1313.26		NOMENCLATURE 8140B		5638	
				ALTIMETER PRESSURE			
				1000	0	6000	-30
				0	-10	8000	-35
				500	+20	10,000	-60
				1000	-5	12,000	-60
				1500	+10	14,000	-65
				2000	-5	16,000	-
				2500	-	18,000	-65
				3000	-15	20,000	-50
				4000	-15	28,000	-30
				4500	-	32,000	

MAY 30 89 TACH TIME 1354 hrs. REMOVED ENGINE FROM AIRCRAFT FOR OVER HAUL. - END -

A. HOWARD IA330303910AP

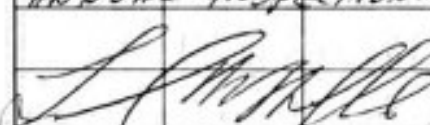
AUG 5 89 TACH TIME 1355 hrs. TOTAL TIME 2506. ENGINE REINSTALLED ON AIRCRAFT. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE MOONEY SERVICE MANUAL FOR AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. ALL AD'S APPLICABLE

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			TO THE AIRFRAME AND ENGINE ARE IN COMPLIANCE AT THIS TIME AND CAN BE REVIEWED IN THE APPROPRIATE SECTION OF THIS LOG. WLT BAT DUE 10/90 - END - A. HOWARD AP5303833101A
11-16-89			RIGGER ROLLER & N.G. STEERING TO SPEC. TIGHTEN STEERING BOLTS & NOSE GEAR WHEEL NUT REPAIR STATION 412-33 Paul Lawrence
5/2/90	2692.3	1441.3	Annual insp on this date - Replaced nose gear struts rods - performed rotation & tire ext ck - used phos on gears - serviced wheel bearings & brakes - replaced cog. cowling servicer battery - used lights - used structure & lubed controls - refueled nose steering post J. Mein at 1199646
			Date <u>5-4-90</u> Total Time <u>2692.3</u> I certify this <u>AIRCRAFT</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition Signature <u>Mark D. Dack</u> AP # <u>530299756 VA</u>
3/25/90			FIAT CAP Seals installed per STC See 337 form this date
11/22/90			installed second clip & isolator on rear Gear line to 401 AD 70-04-06 J. Mein at 1199646

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
1/25/91	21632.2 2844.2	1610.2	
			REPLACED MAIN WHEEL TIRE. CLEANED AND REPACKED ALL WHEEL BEARINGS.
			REPLACED LEFT AND RIGHT BRAKE HOSES ON MLG. BLEED BRAKES.
			INSPECTED LANDING GEAR ACTUATOR DRIVE COUPLING /A/W MOONEY S/B M20-89.
			PERFORMED LANDING GEAR RETRACTION AND RIGGING CHECK /A/W MOONEY
			M20 F MAINTENANCE MANUAL. INSPECTED COWL CLOSURE FAIRING PREVIOUSLY
			INSTALLED PER STC SA4535NM. SEE FAA FORM 337 THIS DATE FOR
			DETAILS. NEW W ² B DATA: WEIGHT 1705.9 AND 44.6 MOMENT 76147.0
			COMPLIED WITH THE FOLLOWING A.D. NOTES:
			73-21-01 (10/10/73) - LUBED FLIGHT CONTROLS /A/W AD PARA (a). NEXT
			DUE 7/92. PERFORMED RIGGING CHECK /A/W AD PARA (c) AND
			MOONEY S/B 20-32. NEXT DUE 7/92 OR 2961.2 A/F T.T.
			25-09-08 (4/30/75) INSPECTED ENGINE MOUNT /A/W AD PARA (a)
			AND MOONEY S/B M20-192. NEXT DUE AT 2961.2 A/F T.T.
			25-23-04 (12/8/75) - INSPECTED GEAR ACTUATOR AND REPLACED GEARS
			/A/W AD PARA (a) AND MOONEY S/B M20-190) RIGGING
			CHECK ACCOMPLISHED. NEXT DUE AT 3061.2 A/F T.T.
			LUBED GEAR ACTUATOR /A/W AD PARA (b) AND MOONEY
			S/B M20-190. NEXT DUE AT 2961.2 A/F T.T.
			76-07-12 (8/30/77) - MAG SWITCH OPERATION CHECKED /A/W
			AD REQUIREMENT ON RUN-UP. NEXT DUE AT 2961.2 A/F T.T.
			ENTIRE AIRCRAFT WAS INSPECTED AND SERVICED IN ACCORDANCE WITH
			MOONEY RECOMMENDATIONS AND FAR PART 43, APPENDIX D.
			I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN
			ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION
			 LEONARD W. MILLER IA 1685503
			SIERRA AVIATION GROUP, Reno NV.

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FEBRUARY 22, 1992 TACH 1687 UPDATED THE INSTALLED EQUIPMENT LIST AND WEIGHT AND BALANCE TO REFLECT CURRENT INSTALLED EQUIPMENT.

ITEM ADDED	WEIGHT	ARM	MOMENT
FOSTER LRN-500 LORAN-C RECEIVER	3.1	17.0	52.7
FOSTER NY153 ANTENNA W/CABLE	1.1	149.0	163.9
	+4.2 LBS.		+216.6 IN/LBS.
NEW EMPTY WEIGHT	1710.1 POUNDS		
NEW EMPTY WEIGHT MOMENT	76363.6 LB/IN.		
NEW EMPTY WEIGHT CG	44.65 INCHES AFT OF DATUM		
NEW USEFUL LOAD	1029.9 POUNDS		

WEIGHT AND BALANCE DATA TAKEN FROM INFO DATED 7/25/91
See Form 337 this date
 INSTALLED IN ACCORDANCE WITH MANUFACTURERS TSO'D INSTALLATION MANUALS, AC 43-13 CHAPTERS 1A/2A AS APPLICABLE, AND AC 20-121 AS REVISED.
CRS IAZR Thomas Gund cert, 2429052

JUNE 8, 1992 100 NR ANNUAL INSPECTION.
 I.A.W. F.A.R 43 APPEX D. AIRCRAFT DISSEMBLED AND RETRIEVED DUE TO ENGINE FAILURE. REASSEMBLED AIRCRAFT AND RIGGED. REPLACED R. MAIN TIRE. GEAR LUBED RIGGING CHECKED AND RETRACT TEST PERFORMED.
 Test flown airplane & returned to service
Robert [Signature]
 2115704 CFI

Date *6/8/92* Total Time *2716.75*
 Tach. Reading *1689.25*...I certify that this *AIRCRAFT* has been inspected in accordance with *ANNUAL* inspection and was determined to be in airworthy condition.



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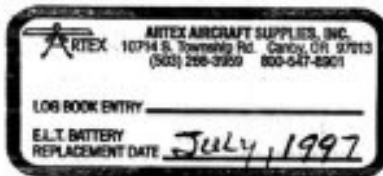


DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPT SIGNATURE & CERTIF
TOTAL brought forward from previous page			
6-27-93	1843.84		<p>New ELT Battery installed, lubed + inspected Airframe & control systems as per Factory S/M checklist.</p> <p>A077-17-4 Due at 1941.3 hrs A073-21-1 C/W per A+C (Landing gear W/g + C/W) A076-7-R-R1 C/W per ABC (ign. Switch)</p> <p>Serviced all Reservoirs full Screens Battery. Replaced gear oil lines + filters as per AD 90-4-6 R-1 Gear Retraction Check OK installed new gear in Gear Retraction actuator as per AD 75-23-4 Robert A. Swam A&P 1449923</p>
			<p>Date <u>6-27-93</u> Hours <u>1843.89</u></p> <p>I hereby certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and is determined to be in an air-worthy condition.</p> <p>Robert A. Swam <u>Robert A. Swam</u> A&P 1449923 IA</p>
11/12/93			<p>install 3 new TIRES - service wheel bearings - reformed retract ck</p> <p>J. Main A&P 1199646</p>
7/9/94	Tach 1844.9		<p>I certify this aircraft is in a airworthy condition for ferry flight to Juntura new airport</p> <p>Robert Spence 1883646</p>

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ELT Date = 3-95

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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7-6-94	1945.64		installed new Brake pads, Battery, + Fuel System check OK, lubed + inspected airframe + control system + gear systems as per factory S/M checklist Gear Retraction check OK. Key switch tested as per AD 76-12 R1 para ABC, AD 77-17-4 para C/W (control wheel shaft insp) AD 73-21-1 para C/W (control cable) Engine + Belly cleaned & serviced 1449923
 <p>ARTEX AIRCRAFT SUPPLIES, INC. 10714 S. Township Rd., Canal, OH 43013 (603) 258-3950 800-647-6901</p> <p>LOG BOOK ENTRY ELT BATTERY REPLACEMENT DATE <u>July, 1997</u></p>			<p>Date <u>7-10-94</u> Hours <u>1945.64</u> Tach</p> <p>I hereby certify that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and is determined to be in an air- worthy condition.</p> <p>Robert L. Swann Halex Swann A&P 1449923 IA</p>
8-	2047.9		I certify is aircraft is in an airworthy condition for ferry flight to
<p>Robert Swann A&P 1883896</p>			

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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9-4-95	1999.5		wheel & Brake check OK, lubed & inspected Retraction system as per AD 75-23-4 #II Retraction check OK lubed & inspected airframe as per AD 73-21-1 per A Keyswitch checked as per AD 76-7-12 RI per ABC. cleaned fuel screen, checked Battery, cleaned belly & engine Robert A. Swarn A&P 1449923
			<p>Date 9-4-95 Hours 1999.5</p> <p>I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an air-worthy condition.</p> <p>Robert A. Swarn Robert A. Swarn A&P 1449923 IA</p>
1-14-96	2026.36		installed new gears in landing gear actuator as per Mooney G.B. M 20-190 and AD 73-21-1 per B Swarn A&P 1449923
9-1-96	2041.7		lubed & inspected Retraction system as per AD 75-23-4 #II Retraction check OK lubed & inspected airframe as per AD 73-21-1 per A Key switch tested as per AD 76-7-12 RI per ABC fuel screen, Battery Reservoirs check OK wheel & Brake check OK AD 93-2-5 (yester) line Security check OK. Robert A. Swarn A&P 1449923
			<p>Date 9-1-96 Hours 2041.7</p> <p>I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an air-worthy condition.</p> <p>Robert A. Swarn Robert A. Swarn A&P 1449923 IA</p>

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6-6-98	3099.99	2077.99	<p>Packed all wheel Bearings lubed gear Retraction system Retraction tested gear. Installed new ACK ELT on avionics Rack inside aft Access Door installed Remote in place of ash tray in forward left side panel. installed new gasolator Quick Drain removed Belly skin panels. Lubed all points cleaned fuel screens checked & changed Battery, cleaned engine comp + Belly. Key switch tested as per AD 76-7-12K1 per ABC. Removed Top panels. Replaced Bath fuel cells. Robert A. Swarn A&P 1449923 installed Removable Quick Drain RH side - RS</p> <div data-bbox="507 967 1228 1317" style="border: 1px solid black; padding: 5px;"> <p>Date 6-6-98 Hours 2077.99 I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an air-worthy condition. Robert A. Swarn A&P 1449923 IA</p> </div>
9-1-99	2100.9		<p>installed Lassar (FAA/PMA) altern control lines permanently complying with AD 98-24-11</p>
AD 98-24-11 completed with	permanently		<p>lubed & inspected Airframe + Control system for security + travel lubed + Retraction tested gear. ELT check as per FAR 91.201 Battery due 11-99, installed all new ALL New Side windows windows in aircraft pilot + copilot side windows .250 pilot + Door .250" thick JAW 500133AT Rdwan A&P 1449923</p> <div data-bbox="766 1832 1476 2161" style="border: 1px solid black; padding: 5px;"> <p>Date 9-1-99 Hours 2100.9 I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an air-worthy condition. Robert A. Swarn A&P 1449923 IA</p> </div>
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
1-1-99			installed new Gillis 35 Battery <i>Robert A. Swann</i> (sup) 1449923
9-20-00	2156.6		Retraction tested gear lubed gear + airframe as per AD 73-21-10A gear as per AD 75-23-4 II Key switch tested as per AD 76-7-12 per ABC. Serviced Battery, fuel screens. tested ELT as per FAR 91-207D. Reservoir. worked down engine + Belly. <i>Robert A. Swann</i>
7-30-01		NEW ELT Battery JB	<div data-bbox="893 674 1548 991" style="border: 1px solid black; padding: 5px;"> <p>9-20-00 Hours 2156.6</p> <p>I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition.</p> <p><i>Robert A. Swann</i> 1449923</p> </div>
4-1-02	2188.0		
4-1-02	2188.0		Lubed + inspected airframe + control system for security of travel installed new gears in landing gear Retraction actuator. Lubed gear system + Retraction tested gear. ELT tested as per FAR 91-207D Battery + fuel screens Serviced Key switch tested as per AD 76-7-12R1 per ABC Inspection as per AD 73-21-1 worked down engine + Belly, installed Factory new oil pressure gauge. <i>Robert A. Swann</i> (sup) 1449923
7-25-02	2219.1	NEW ELT BATTERY JB	<div data-bbox="893 1563 1548 1870" style="border: 1px solid black; padding: 5px;"> <p>4-1-02 Hours 2188.0</p> <p>I hereby certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition.</p> <p><i>Robert A. Swann</i> 1449923</p> </div>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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1-11-04	3276.24	2254.24	<p>Lubed + Retraction tested gear lubed Airframe and control systems as per AD 73-21-1 Keyswitch tested as per AD 76-7-12 R1 PVAABC. gear actuator Service as per AD 75-23-4. New gear installed Tack 2188 hrs. motor mount inspected as per AD 75-2-8. AD 77-17-4 (Control wheel shaft) Due at 2449.6 hrs. fuel injector lines AD 2002-26-1 Bracket filtering as per AD OK. Due in 100 hrs. airframe control system inspected for security + travel opened both fuel cells for resealing. installed new interior plastic. EIT inspected + tested as per FAR 91.207D, New Door seal. worked down engine + Bobby Polart + Deven A&P 1449923</p>
			<p>Date <u>1-11-04</u> Hours <u>2254.24</u> I hereby certify that this <u>aircraft</u> has been inspected in accordance with an <u>annual</u> inspection and is determined to be in an air-worthy condition. <u>Robert A. Swann</u> Robert A. Swann A&P 1449923</p>
6-12-05	2280.64		
			<p>Date <u>6-12-05</u> Hours <u>2280.64</u> I hereby certify that this <u>aircraft</u> has been inspected in accordance with an <u>annual</u> inspection and is determined to be in an air-worthy condition. <u>Robert A. Swann</u> Robert A. Swann A&P 1449923</p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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		228.48	Lubed airplane + control system as per AD 73-21-1 Key Seal tested as per AD 76-7-12M for ABC serviced as per AD 75-34 Master mount checked as per AD 75-4-8 control wheel shaft @ 2445.6 hrs. Fuel injector line checked as per AD 2002-26-1 ELT Batteries changed + tested as per FAR 9.207D
			Date <u>1-21-07</u> Hours <u>2293.48</u> I hereby certify that this <u>aircraft</u> has been inspected in accordance with an <u>annual</u> inspection and is determined to be in an air- worthy condition.
			Robert A. Swann <i>Robert A. Swann</i> A&P 1449985 PA



American Air Racing, Inc.
Reno, NV 89506-1309
775.677.1868

Date TTIS Tach/Hobbs Registration #

~~4-04-08~~ 2303 (PK) N937V - N311LB
4-01-08 ~~2363~~ - 2363

JGP
Lubed the control and landing gear system per AD73-21-01. Inspected the aircraft per the Mooney Maintenance Inspection check list for this aircraft. An extensive AD search was conducted and to the best of my knowledge, all ADs through 2004-25-04 have been complied with. I hereby certify that this aircraft has been inspected in accordance with an Annual inspection and is determined to be in a safe condition for flight.

John Parker
John Parker
567487779 APIA

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DESCRIPTION OF WORK PERFORMED—
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4/14/09	2312.6	2312.6	<p>COMPLETED 100hr/ANNUAL INSPECTION CHECKED CONTROLS, LUBED AIRCRAFT, CW AD 73-21-01 NEXT DUE 2412.6 CW AD 76-07-12 NEXT DUE 2412.6 CW AD 08-14-07 NEXT DUE 2412.6 CW AD 08-19-05 NA THIS A/C, THIS AIRCRAFT HAS BEEN INSPECTED PER ANNUAL INSPECTION, FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. ECT DUE 1-2010 <i>Ernest Mills</i> AIP 1745086 1A</p>
3-22-10	2326.1		<p>Packed all wheel Brags. New Tires & Tubes Installed on main. Inspected & put New Lube ^{AD 75-23-4} in gear actuator Serviced Reservoirs, Fuel Screens, Installed New Condor Battery. ⁷³⁻²¹⁻¹ Lubed & inspected airframe for security & Travel ^{AD 75-9-8} inspected engine mounts cleaned aircraft. ^{FA 91 2010} inspected & started ECT. <i>Robert Alwan</i> AIP 1449923</p>
			<div data-bbox="478 1668 1212 2038" style="border: 1px solid black; padding: 5px;"> <p>3-22-10 Hours 2326.1 I hereby certify that this aircraft has been inspected in accordance with an Annual inspection and is determined to be in an air- worthy condition. <i>Robert A. Alwan</i> AIP 1449923 1A</p> </div>

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05/17/2010

All aircraft records have been researched this date. The following items were found to be undocumented. MX170C, this radio is a direct replacement for the KX 175B that was previously installed and is considered a minor alteration. Narco AT150, this transponder is a direct replacement for the AT50 that was previously installed. Collins VHF-250 Com, VIR-350 Nav, IND-351 IND, and GLS-350 G/S Receiver were previously installed by Aerotronics, inc., see work order 1N29 dated 05/09/81. Engine pre-heater is a minor alteration. King DME KN64, this item has been installed by unknown persons it has been inspected for security and installation, a 337 has been completed this date. Flap gap seals, this modification was installed by persons unknown, they have been inspected and conform to STC # SA7522SW, a 337 has been completed this date. All other major alterations have been accounted for up to this date, see aircraft records & 337's.

Brandon Braithwaite
A&P 3138817 IA



5/17/10

N311LB

Tach Time: 2365 91 Airframe TT

Engine TT: Eng SMCH Prop TT: Prop SMCH

Replaced 1/8 inch tubing from firewall to manifold pressure gauge. Repaired right side cylinder baffling. Tightened exhaust pipe support mount.

09/13/2010 Brandon Braithwaite



A&P 3138817 IA

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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
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N311LB Mooney M20F S/N 700014 Tach: 2397.09 AFTT: 3419.09 TACH 0.0
April 8, 2011

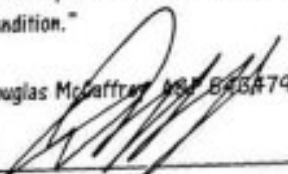
Repaired aircraft after gear up landing. Fabricated 3 each new belly panels using .032" 2024 T3 and transferred existing holes. Fabricated doublers for belly panel former stiffeners at stations 30.5 and 51.5. All work done in accordance with AC43.13 IB. Repair to cross tube at station 30.5 was completed by Loree Air see work order no. 2394. (work order states "clean and inspect cross tube. bend 5/8 x .049 4130 tube and cut to make doubler to repair damaged cross tube at station 30.5 on bottom of fuselage. Welded doubler in place and normalized repair area. Repaired I.A.W. AC43.13-IB welding done per MIL. STD. 2219.") Area was cleaned primed and painted. INSTALLED J.P. INSTRUMENTS EGT-701 ENGINE SCANNER. THIS INSTALLATION IS APPROVED UNDER TSO-C43B AND STC SA2586NM. INSTALLATION WAS COMPLETED BY FOLLOWING THE INSTALLATION INSTRUCTIONS FOUND IN J.P. INSTRUMENTS REPORT 103. INSTALLED LAKE AERO STYLING AND REPAIR'S OIL RELOCATION KIT PER AML/STC SA2519NM IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS AND DRAWING NO. 126. INSTALLED HARTZELL PROPELLER MODEL MC-CRYR-IBFP/F7447 AND HARTZELL 835-54(P) OR A-2295-5(P) SPINNER IN ACCORDANCE WITH HARTZELL STC INSTALLATION INSTRUCTIONS INST_091007. See 337'd dated 04/08/2011 for more details. Replaced nose wheel bearing and race P/N#s 08125 & 08231. Installed new stabilator trim link P/N# 740170-000. Replaced instrument air filters P/N# 9546982. Installed new left brake caliper P/N# 061-01900. Installed new transponder antenna P/N# CI-102 and new marker beacon antenna CI-105. Installed repaired cabin entry step. Installed oil cooler P/N# 8432R. Replaced vacuum filter B3-5-1. Replaced o-ring in parking brake mechanism. Bled brakes. Installed Overhauled engine, baffles, repaired knisley exhaust risers and tail pipe see work orders 138103, 138220, 138220. Serviced and charged main aircraft battery. Weight and Balanced revised this date. Installed new Tachometer P/N#DI-112-5023. Installed new top cowl fasteners.

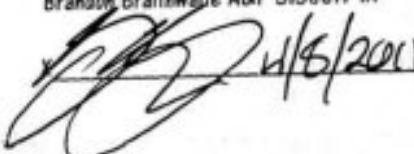
- C/W Brackett air filter ICA by replacement of element BA-6305 and visual inspection of assembly, next due AFTT: 3519.09
- C/W AD 73-21-01 (10/10/73) Flight control landing gear systems per (a), next AFTT: 3519.09
- C/W AD 75-23-04 (12/08/75) Electric Gear Systems per (a)&(b), replaced gears per SB M20-190B, next due 3619.09
- C/W AD 77-17-04 (07/07/78) Control wheel shaft per (a-c), next due AFTT: 3919.09
- C/W FAR 91.207 per (d)1-4, next due April 2012. EL batteries next due March 2016


"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Douglas McCaffrey MS# 845879682

Brandon Braithwaite A&P 313887 IA

X 

 4/8/2011

	<p>N311LB Tach Time 2397.09 Airframe TT TACH 0.0</p> <p>Engine TT Prop TT Prop SMOH</p> <p>Revised weight and balance to reflect equipment installed. Checked landing gear preload per Mooney M20F service manual. Retracted landing gear 5+ times with satisfactory results. Performed emergency extension successfully.</p>
	<p>04/08/2011 Brandon Braithwaite  A&P 313887 IA</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4/8/11	INSTALLED		PS ENGINEERING PS PM 1000II 4 PLACE INTERCOM SYSTEM. INSTALLED NEW AVIONICS CIRCUIT BREAKER BUS <i>OClin 1901253 A+P.</i>

N311B Mooney M20F S/N 700014 Tach: 94.7 AFTT: 3513.79

May 7, 2012

Installed chafe tape around trim torque tube and rear two bulkheads. Replaced LH brake line. Replaced Fuel line from strainer to pump. Bled brake system. Leak checked both lines, no leaks noted. Performed landing gear operational check and emergency extension with no defects noted.

C/W Brackett air filter ICA by replacement of element BA-6305 and visual inspection of assembly, next due May 2013

C/W AD 73-21-01 (10/10/73) Flight control landing gear systems per q(a), next AFTT: 3613.79

C/W AD 75-23-04 (12/08/75) Electric Gear Systems per q(a)&(b), replaced gears per SB M20-190B, next due 3619.09

C/W AD 77-17-04 (07/07/78) Control wheel shaft per q(a-c), next due AFTT: 3919.09

C/W FAR 91.207 per q(d)1-4, next due April 2012. ELT batteries next due March 2016

C/W AD 12-05-09 (03/20/2012) Empennage trim fitting, by visual inspection, plate is on correct side, no further action required.

"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Brandon Braithwaite A&P 3138817 IA

X 

5/11/13	180.6	180.6	Changed left Main tire New Concord 6-Ply 3564218 M. Ntor Owner
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N311B Mooney M20F S/N 700014 Tach: 195.4 AFTT: 3614.49

June 4, 2013

Performed landing gear operational check and emergency extension with no defects noted.

C/W Brackett air filter ICA by replacement of element BA-6305 and visual inspection of assembly, next due June 2014

C/W AD 73-21-01 (10/10/73) Flight control landing gear systems per q(a), next AFTT: 3714.49

C/W AD 75-23-04 (12/08/75) Electric Gear Systems per q(a) next due 3814.49 & (b) next due 3714.49, replaced gears per SB M20-190B


C/W AD 77-17-04 (07/07/78) Control wheel shaft per q(a-c), next due AFTT: 3919.09

C/W FAR 91.207 per q(d)1-4, next due June 2014. ELT batteries next due March 2016

"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Brandon Braithwaite A&P 3138817 IA

X 

			AD 75-23-04 (12/08/75) C/W by Dennis McCaffrey AIP 3567195 
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SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

N3111B Mooney M20F S/N 700014 Tach: 277.4 AFTT: 3696.49

July 28, 2014

Performed landing gear operational check and emergency extension with no defects noted. Installed fuel quantity placards at fuel caps.

C/W Brackett air filter ICA by replacement of element BA-6305 and visual inspection of assembly, next due July 28, 2014

C/W AD 73-21-01 (10/10/73) Flight control landing gear systems per (a), next AFTT: 3796.49

C/W AD 75-23-04 (12/08/75) Electric Gear Systems per (b), inspected and lubed next due 3769.49, part (b) next due 3814.49.

C/W AD 77-17-04 (07/07/78) Control wheel shaft per (a-c), next due AFTT: 3919.09

C/W FAR 91.207 per (d) 1-4, next due July 2014. ELT batteries next due March 2016

"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in an airworthy condition."


Brandon Braithwaite A&P 3138817 IA

X 

4/10/15	3	329.3	New Tube + Tire Left Main A. N/A Owner
11/30/15		338.2	Cleaned inspect Re-pack wheel Bearings A. N/A Owner



N Number: 3111B Tach/Hobbs: 378.1 AFTT: 3926.19 EngTT: 3926.19 EngTSO: 378.1 PropTT: PropTSO:		Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net	Aircraft: M20F S/N: 700014F Engine: IO-360-A1A S/N: L-13605-51A Prop: HC-C2YR-1BFP S/N: NS2526B DATE: 01/02/2017
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Cleaned and inspected fuel strainer, reassembled and re-lockwired. Lubed all pulleys and greased all joints.
 C/W AD 73-21-01 (10/10/73) Flight control and landing gear system per par. (a), next due AFTT: 4026.
 C/W AD 75-23-04 (12/08/75) Electric Landing gear system per par. (a) & (b), next due AFTT: 4426.
 C/W AD 77-17-04 (07/07/78) Control wheel shaft inspection per par. (a-c) next due 4426.
 C/W FAR 91.207 (D) 1-4, next due January 2018.
 C/W Bracket Air filter ICA and element replacement.
 Performed 5 fault free gear swings and 1 fault free emergency extension.
 "I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been determined to be in an airworthy condition at this time."

A&P	3138817 IA	Brandon Braithwaite	X 
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
TOTAL brought forward from previous page					
392					
N Number: N311LB Tach/Hobbs: 435.7 AFTT: EngTT: EngTSO: PropTT: PropTSO:			Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net		Aircraft: M20F S/N: Engine: S/N: Prop: S/N: DATE: 10/12/17
Installed new ignition back plate and brush kit PN# 10-357515. Repaired RH Mag p-lead wire. Sent out LH mag and starting vibrator for inspection and repairs. Starting vibrator rebuilt and mag condenser wire repaired. Work performed by aircraft electrical components 9/22/17 work order 77017. Ran engine, operational checks satisfactory.					
A&P	3138817 IA	Brandon Braithwaite	X		

N Number: N311LB Tach/Hobbs: 456.1 AFTT: EngTT: EngTSO: PropTT: PropTSO:			Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net		Aircraft: M20F S/N: Engine: S/N: Prop: S/N: DATE: 10/30/17
Installed new alternator controller PN# R1530B S/N 602018. Operational checks satisfactory					
A&P	3138817 IA	Brandon Braithwaite	X		

	SUB-TOTAL this page
	TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIM*	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK				
			 Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net	Aircraft: M20F S/N: 700014F Engine: IO-360-A1A S/N: L-13605-51A Prop: HC-C2YR-1BFP S/N: NS2526B DATE: 02/21/018			
			Owner Assisted Annual inspection. Owner complied with all servicing of aircraft systems (ie, lubrication, greasing, fuel filters, brake linings, fluid servicing, spark plug service) CW AD 73-21-01 (10/10/73) Flight control and landing gear systems per par. (a), next due AFTT: 4099.59 AD 75-23-04 (12/08/75) Landing Gear motor inspection next due AFTT: 4426.0 AD 77-17-04 (07/07/78) Control Wheel Shaft inspection next due AFTT:4426.0 C/W FAR 91.207 (D)1-4, ELT inspection next due March 1st 2019. C/W Bracket Air filter ICA and installed new element. Performed fault free gear cycles and an emergency extension. Verified Gear Pre-load tensions *I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been determined to be in an airworthy condition at this time.*				
			A&P	3138817 IA	Brandon Braithwaite	X	

04/01/2019 Tach 546.0 T.T. 4094.09

Removed and reinstalled, inspection panels, interior and cowling. Test Ran. As per FAR Part 43 Preventive maintenance.



Mike Newton

3664218

License #

04/01/2019 Tach 546.0 T.T. 4094.09

I certify that this aircraft has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Tested ELT in accordance with FAR 91.207. Battery due date, 2023. Rebuilt the following, brake master cylinders, calipers, Nose gear bushings and hardware, Fuel caps. Replaced the following with new, Main tires, all bearings, Alternator belt, Air filter (element BA-6305), Hardware in rudder, elevator and flaps attach points. Bleed brakes, Packed all bearings and checked gear tension. C/W AD 77-17-04 per AD @ 3999.6 next due 4499.6. AD 73-21-01 Lubricate with silicone spray, next due 12 months, 100 hours.

SUB-TOT

TOTAL

Tim Carr IA 2632137

DATE

01/04/2020 Tach 622.4
 Replaced Narco AT150 Transponder with Garmin
 GTX335W/GPS. S/N3EE424790 Transponder
 with Altitude encoder S/N 3T6014324. added
 Antenna S/N 176249. See 337.

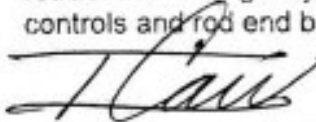


Tim Carr A&P 2632137

 PERFORMED—
 PERSON PERFORMING WORK

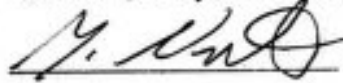
10/01/2020 Tach 640.3 T.T. 4188.4

I certify that this aircraft has been inspected in
 accordance with annual inspection, (as per FAR
 Part 43, APP "D") and determined airworthy. Tested
 ELT in accordance with FAR 91.207. Battery due
 date, 2023. Recurring AD 77-17-04 Control wheel
 shaft per inspection due 4499.5. 73-21-01 Flight
 control, Landing gear system lubricate, Completed,
 next due 100 hours 12 months. Rebuilt R & L main
 gear, New tire on right, new flexible brake lines,
 bleed brakes, disassembled and cleaned gear
 actuator, and motor, replaced brushes. Performed
 retract and emergency extension. Lubricated all
 controls and rod end bearings.



Tim Carr IA 2632137

10/01/2020 Tach 640.3 T.T. 4188.4
 Removed and reinstalled all wing, airframe, and
 tail panels, Cowling and interior.
 Test Ran, all systems checked out.

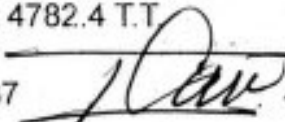


Owner PL 3564218

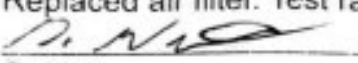
9/22/2021 Tach 734.3 T.T. 4282.4

I certify that this aircraft has been inspected in
 accordance with annual inspection, (as per
 FAR Part 43, APP "D") and determined
 airworthy. Tested ELT in accordance with FAR
 91.207. CW Recurring AD's, 73-21-01
 Lubricate Landing gear system with silicone
 lubricant next due T. T. 4382.4 & 12 months.
 AD 77-17-04 Inspect control wheel shaft for
 cracks. Next due at 4782.4 T.T.

Tim Carr IA 2632137




DATE

7/01/2024 Tach 790.7 T.T. 4338.8
 Removed and reinstalled cowling, airframe
 and wing panels, interior, belly pan.
 Replaced air filter. Test ran. All systems ok.

 Owner P.L. 3564218

< PERFORMED—
 PERSON PERFORMING WORK

4/29/2025 Tach 792
 Removed ailerons, elevators and rudder.
 stripped paint from ailerons, elevators and
 rudder. Prepared and coated plane and
 control surfaces with Summit epoxy primer
 and Summit single stage acrylic urethane
 paint. Colors: UP301, UP236, UP309,
 UP374. UP301 and UP236 mixed 1:1 for
 base color white.


 P.L. 3564218 Owner.

Balanced Ailerons, Elevators and Rudder, Per
 re-balancing procedure per Mooney
 maintenance manual page 6-7. Installed
 Ailerons, Elevators and Rudder. Per Mooney
 maintenance manual.
 Tim Carr A&P 2632137 

12/01/2025 Tach 792 T.T. 4340.1
 Removed and reinstalled all inspection panels, interior,
 cowling, wheel pants, spinner, etc. Lubricated all
 control surfaces, landing gear linkage, etc.
 Test ran all checked OK.

Mike Newton (Owner) 
 P/L 3564218

12/01/2025 Tach 792 T.T. 4340.1
 I certify that this aircraft has been inspected in
 accordance with annual inspection, (as per FAR
 Part 43, APP "D") and determined airworthy. Tested
 ELT in accordance with FAR 91.207. Battery due
 date, 2028. Performed gear retract and emergency
 extension. Checked gear tension. AD, 77-17-04
 Control wheel shaft, Due at T.T.4782.4, AD 73-21-01
 Lubricate gear system next due 100 hrs, 12 months.

Tim Carr IA 2632137 



N _____	
Front <input type="checkbox"/>	Rear <input type="checkbox"/>
Left <input type="checkbox"/>	Right <input type="checkbox"/>

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EAGLE ENGINES

A DIVISION OF AMERITECH INDUSTRIES, INC.

ENGINE LOGBOOK

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer Lycoming



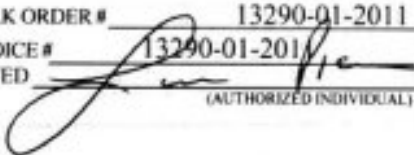
Model ID-360-A1A

Serial No. L-13605-S1A

Date Installed on Aircraft _____

TBO _____ Hours

or _____ Years

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		 EAGLE ENGINES FAA Repair Station N03R717L
		Repair Order: 13290-01-2011 Date: 3/9/11 Engine Make: Lycoming Engine Model: IO-360-A1A Serial No.: L-13605-51A Total Time: SMOH:
		----- 1. Engine major overhauled- "Marquis Series" using new Lycoming cylinders. 2. Engine has been disassembled, cleaned, inspected and reassembled in accordance with all applicable FAA regulations and manufacturer's current overhaul instructions. 3. Crankcase certified by Nickson's Machine Shop, Inc., Throttle Body/Servo and Flow Divider by Western Skyways, Fuel Pump by Aero Accessories, Inc., Magneto(s) by Aircraft Electrical Components, Inc., Harness and Sparkplugs by Champion and Starter and Alternator by Kelly Aerospace Energy Systems. 4. The following Airworthiness Directives have been complied with: 2004-10-14, 2008-14-07, 2009-02-03.. 5. See front of log for A.D. listing details. 6. See rear of log for maintenance releases. 7. Total time to be entered by installing agency. 8. Engine test run satisfactory. 9. Engine not installed by Eagle Engines. 10. Nothing follows.
		 EAGLE ENGINES REPAIR STATION No. N03R717L 20208 CHARLANNE DRIVE REDDING, CA 96002
		WORK ACCOMPLISHED: "MAJOR ENGINE OVERHAUL- "MARQUIS SERIES" THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER
		WORK ORDER # <u>13290-01-2011</u> INVOICE # <u>13290-01-2011</u> DATED: <u>3/9/11</u> SIGNED <u></u> (AUTHORIZED INDIVIDUAL)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

N311B Lycoming IO-360-A1A S/N L-13605-51A Tach: 2397.09 ENT:3548.09 ETS0: 0.0
April 8, 2011

Installed overhauled engine. Serviced engine with 8qts aeroshell straight 100 oil. Installed overhauled vacuum pump PN# 211C by Rapco work order 143763 with new gasket and new lock washers. Installed overhauled propeller governor PN# DC290DI-F/T9 by Ameritech industries work order 12851-10-2010 with new gasket and lock washers.

"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Douglas McCaffrey A&P 3138817 IA

Brandon Braithwaite A&P 3138817 IA

X

7/10/11	Tach 25	Changed oil + Filter 8qts AS 100 + 3564218 M. N. A owner
12/9/11	Tach 74.7	Changed oil + Filter 8qts AS 100 + 3564218 M. N. A owner

N311B Lycoming IO-360-A1A S/N L-13605-51A Tach: 94.7 ENT:3642.79 ETS0: 94.7
May 7, 2012

Owner R&R'd oil filter. Inspected oil filter no contaminants found at this time. Replaced #3 and #1 injector lines PN LW12098-0-140.

"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Brandon Braithwaite A&P 3138817 IA

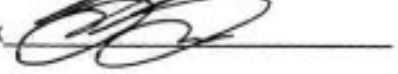
6/17/12	128.2	Changed oil + filter 8qts AS 100 + 3564218 M. N. A owner
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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/11/13	180.6	Oil + Filter Change 8qts AS100 + Changed Left Main Tire 3564218 M. NTS owner

N3111B Lycoming IO-360-A1A S/N L-13605-51A Tach: 195.4 ENT: 3743.49 ETSO: 195.4
June 4, 2013

Owner R&R'd oil filter. Inspected oil filter no contaminants found at this time. C/W AD II-26-04 (01/25/12) External Fuel injector lines per q (h), no defects noted next due ENT: 3743.49. Removed, cleaned, gapped and re-installed spark plugs with new M-674 gaskets. Ran engine, no leaks noted.
"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

Brandon Braithwaite A&P 3138817 IA

X 

Engine Service items C/W by Douglas Melabney
A&P 3567195 

9/17/13	230.00	Oil + Filter change 8qts AS100 + 3564218 M. NTS owner
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N3111B Lycoming IO-360-A1A S/N L-13605-51A Tach: 277.4 ENT: 3825.49 ETSO: 277.4
July 28, 2014

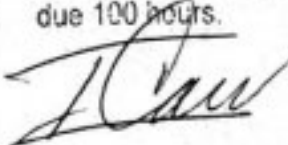
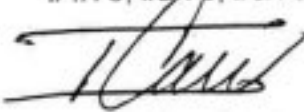

C/W Lycoming oil and filter change per SB 480E, no contaminants found at this time. Installed new CH48110-1 oil filter, and 8 qts AeroShell 100w. C/W AD II-26-04 (01/25/12) Fuel Injector line inspection per q (h), no defects noted, next due 3925.49.
"I certify this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition."

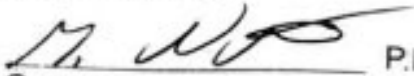
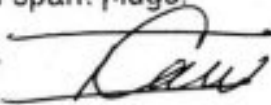
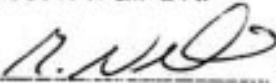

Brandon Braithwaite A&P 3138817 IA

X 

4/10/15	329.3	Oil + Filter 3564218 M. NTS Left Main - New Tube + Tire Owner
11/30/16	338.2	Wheel bearings inspected, Re-packed M. NTS Owner

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
	N Number: 311LB Tach/Hobbs: 378.1 AFTT: 3926.19 EngTT: 3926.19 EngTSO: 378.1 PropTT: PropTSO:		Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net	Aircraft: M20F S/N: 700014F Engine: IO-360-A1A S/N: L-13605-51A Prop: HC-C2YR-1BFP S/N: NS2526B DATE: 01/02/2017
Removed and inspected oil filter, no contaminants found. Installed new CH48110-1 oil filter. Cleaned and inspected fuel servo inlet screen. Verified magneto to engine timing. pressure checked exhaust system. Compression results 1)77 2)76 3)78 4)76 C/W AD 11-26-04 (01/25/12) External fuel injector line inspection per par. (h), next due AFTT : 4026 Inspected previously installed propeller HC-C2YR-1BFP S/N NS2526B for proper installation. Ran engine, operational checks satisfactory and no leaks noted at this time.				
9/15/17	426.2		Brandon Braithwaite	X 
	N Number: N311LB Tach/Hobbs: 451.5 AFTT: 3999.59 EngTT: 3999.59 EngTSO: 454.5 PropTT: 81.5 PropTSO: 81.5		Hangtown Aviation 3501 Airport Rd. H34 Placerville CA, 95667 hangtownaviation.net	Aircraft: M20F S/N: 700014F Engine: IO-360-A1A S/N: L-13605-51A Prop: HC-C2YR-1BFP S/N: NS2526B DATE: 02/21/018
Serviced and cleaned spark plugs Reinstalled with new Gaskets. Compression Results 1)76 2)76 3)76 4)77 /80. Ran engine, No leaks noted at this time.				
6/18/18	777.2		Brandon Braithwaite	X 
2/2/19	528.4			Engine oil & Filter M.N.A. P.# 3564218 (owner)
				Engine Oil & Filter M.N.A. 3564218 (owner)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		<p>04/01/2019 Tach 546.0 T.T. 4094.09 T.S.O. 549 I certify that this Engine has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Replaced plugs REM37Y, Rocker cover gaskets, Crankshaft seal, Alternator belt, Tined, Compression over 80, #1/78, #2/78, #3/78, #4/78 CWAD 2015-19-07 Fuel injection Clamps, next due 100 hours.</p> <p> Tim Carr IA 263213337</p>	
10/3/19	586	Engine oil + Filter	N. Nut 9564218
1/25/20	632	Engine oil + Filter	M. NAD 9564218
		<p>10/01/2020 Tach 640.3 T.T. 4188.4 I certify that this Engine has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Completed AD 2015-19-07 security of fuel injector lines, per inspection, next due 100 hours. Cleaned and gapped plugs, Cleaned fuel injectors. Replaced push rod seals. Compression over 80 psi #1/76, #2/76, #3/75, #4/77.</p> <p> Tim Carr IA 2632137</p>	
10/15/20	641.3	Rebuilt Prop governor installed (see Prop Log)	
		<p>9/22/2021 Tach 734.3 T.T. 4282.4 I certify that this Engine has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Cleaned and gapped plugs, Compression over 80 psi atmospheric. #1/77, #2/78, #3/78, #4/78. CWAD 2015-19-07, Security of fuel lines. Per insp. next due 4392.4</p> <p>Tim Carr IA 2632137 </p>	

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED
		<p>9/22/2021 Tach 734.3 T.T. 4282.4 Replaced air filter. Installed plugs. Test ran. All systems ok.</p> <p> Owner P.L. 3564218</p>
		<p>03/11/2023 Tach 768.2 T.T. 4316.3 T.S.O.771.2 I certify that this Engine has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Compression over 80 psi, 1/70, 2/75, 3/78, 4/78, Cleaned and gapped spark plugs.</p> <p>Tim Carr IA 2632137 </p>
		<p>03/11/2023 Tach 768.2 T.T. 4316.3 T.S.O.771.2 Changed oil and filter. Cut filter open, no metal found. Test ran all OK.</p> <p>Mike Newton  PL 3564218</p>
		<p>7/01/2024 Tach 790.7 T.T. 4338.8 I certify that this Engine has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Cleaned and gapped plugs. Compression over 80 psi. #1/80, #2/78, #3/78, #4/78. CWAD 2015-19-07, Security of fuel lines. Per insp. next due 4438.8 Tim Carr IA 2632137 </p>

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C24R-1BFP/F7497

PROPELLER S/N NS2526B

LOGBOOK # 1

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
11/2016			Propeller installed by owner
	Task: 370.0		

HARTZELL PROPELLER INC
INSPECTION

Item Number: C2R10703

Date: 8/21/2015

Work Order #: M394690

Model Number		HC-C2YR-1BFP/F7497									
Ass'y Ser No.		Hydr Unit No.		Bulkhead No.			Valve No.				
NS2526B		NA		NA			NA				
Blade 1: L63322		Blade 2: L63329		Blade 3:			Blade 4:		Blade 5:		Blade 6:
Clamp 1:		Clamp 2:		Clamp 3:			Clamp 4:		Clamp 5:		
Reverse	Start Lock	Low Pitch	High Pitch	Feather	Position	Orient.	Qty:Al	St	Scrw	A-2424-1	Washer
NA	NA	15.7	29.0	NA	1	T	0	2	0	0	0
Ref Radius (inches) for angles: 30					H	Frnt	0	0	2	0	0
Comments: Deice Kit: NA					ORING C-3317228						
Packing Certified By: B			Date: 8-24-15								
Inspected By: John Martin											

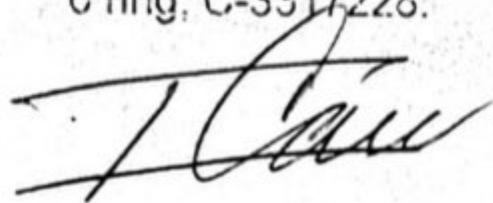
The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

04/01/2019 Tach 546.0 T.T. 176.0

I certify that this Propeller has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy.

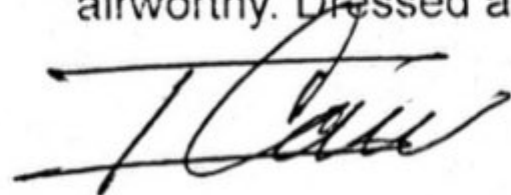
Greased, Removed and reinstalled prop with new o ring, C-3317228.




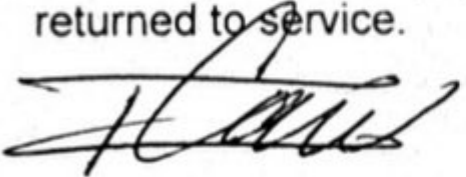

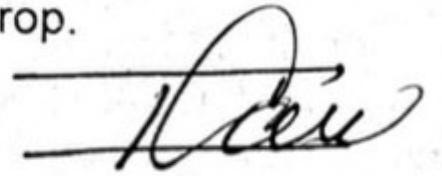
Tim Carr IA 2632137

10/01/2020 Tach 640.3 T.T. 270.3

I certify that this Propeller has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Dressed and Greased Prop.



Tim Carr IA 2632137

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				10/15/2020 Tach 641.3 T.T. 4189.4 ^{271.3} 
				Installed rebuilt Prop governor. Test flown and returned to service.
				 Tim Carr A&P 2632137
				9/22/2021 Tach 734.3 T.T. 364.3 ^{364.3} 
				I certify that this Propeller has been inspected in accordance with annual inspection, (as per FAR Part 43, APP "D") and determined airworthy. Greased Prop.
				Tim Carr IA 2632137 

appro
prop

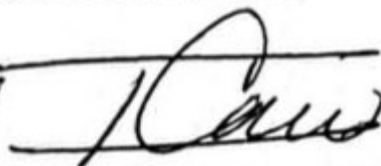
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tional

03/11/2023

Tach: 768.2 T.T. 398.2 T.S.O. 398.2

I certify that this Propeller has been inspected
in accordance with annual inspection, (as per
FAR Part 43, APP "D") and determined
airworthy. This propeller was installed new
11/2016. Correction on Total Time.

Tim Carr IA 2632137

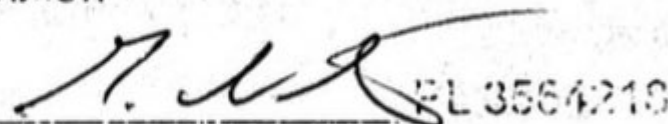


03/11/2023

Tach 768.2 T.T. 398.2 T.S.O. 398.2

Greased Propeller.

Mike Newton

 EL 3564210

