

Lot Book #2

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER MOONEY MODEL M20-E SERIAL 690027

REGISTRATION NUMBER N9134V DATE MFG. 2-5-69

ENGINE(S) CURRENTLY INSTALLED.

MFG Lycoming MODEL IO-360-A1A SERIAL RL-10736-51A

MFG                      MODEL                      SERIAL                     

PROPELLER(S) CURRENTLY INSTALLED.

MFG HARTZELL MODEL HC-C24K-1BF

HUB MODEL F7666 A-2 SERIAL CH11440 SERIAL                     

BLADE MODEL #1 F20989 SERIAL #2 F20990 SERIAL                     

BLADE MODEL                      SERIAL                      SERIAL                     

The Standard

 - AIRCRAFT LOG

# NOTES

— THIS LOG STARTED 9-12-84 AT THIS TIME  
AIRFRAME TOTAL TIME IS 2307.9 AND ALSO TACH, ENGINE TOTAL  
TIME IS 1322.3. FOR ANY PREVIOUS INFORMATION  
REFER TO AIRFRAME LOG #1 —  
— END —

# LANCASTER AVIATION, INC.

RD #3, Lititz, PA 17543

CRS 161-4

KT-78

The transponder installed in this aircraft has been tested in accordance with FAR 91.172 and FAR 43, appendix F.

*James R. Harris*

12 SEPT 1984

BY

DATE

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.)

I certify that altimeter & static system tests required by FAR Part 91.171 have been performed. The altimeter has been tested to 20,000 feet. W.O. # 6832.

Date 9/12/84

S/N 23353

S/N 23353

Inspector

*Thomas W. Harris*

*Log in rear of log - Eny*

Henry Weber Aircraft Distributors, Inc.  
FAA Repair Sta. No. 110-2

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-13 1984	2307.9	-	2307.9	completed
ANNUAL INSPECTION	THIS DATE: 9/13/84	ADS		
73-21-01 (AIRPLANE LUBRICATION & BEARING RIGGING)	75-23-04			
(DUKES GEAR MOTOR PARTS A+B), 76-01-12 (BENDIX LUBRICATION), 77-12-06 (HARTZELL PROP)	REPLACED			
THE FOLLOWING: FUEL CAP O RINGS, FUEL TANK PACKERS,				
STALL WARNING HORN, ONE BEACON BULB, BOTH WIND				
WELL AIR SEALS, ADUSE BEAR SHOCK TRUSS, ALL BRAKE				
LINING, & VACUUM INLET GATE FILTER	REPACKED			
ALL WHEEL BEARINGS,	GREASED			
BATTERY & BRAKE RESERVOIR.				
END	ENTRY			

**HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.**  
**LANCASTER AIRPORT, R. D. 3 LITITZ, PENNA.**  
**DATE 9-13-84**  
 Details of this work order are on file under  
 No. 6937  
 Inspector Henry J. Snyder  
 AIRCRAFT 2307.9 & ENGINE 1322.3 & ENGINE  
 I CERTIFY THAT THIS AIRCRAFT ~~ENGINE~~ HAS BEEN  
 INSPECTED IN ACCORDANCE WITH (AN) ~~FOR~~  
 (ANNUAL) INSPECTION AND DETERMINED TO BE IN AN  
 AIRWORTHY CONDITION.  
 REP. STATION # 110-2

[illegible]

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES).
5/30				REMOVED TACH INDUCTOR SN 136
				INSTALLED TACH REMOVED WAS
				2477.41 HRS. on 17
				James Flaherty CR 1373
6-22-85	00.00		2519.85	Removed Tach SN 136 Installed new Tach
				Reading 00.00 Ground run up Normal
				ACIT 2519.85 at 1st Time SAIR 410#
				959 629 Jaws CR 1373

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				
	21	Oct 1985	Track 114	
				could not be serviced better
				inspected and OK
				Inspected and OK (actuator)
				Inspected and OK
				Inspected and OK
				Inspected and OK
				INSPECTION AND WAS
				DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				DATE 10/19/85
				10051920 104

[illegible]

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.)
				I CERTIFY THAT THE TRANSPONDER TEST AND
	10/31/80	HAVE BEEN	TEST RESULTS	ON
	FILE UNDER	ORDER NUMBER	AC-0449	
	SIGNATURE	Philip S. Redburn		
	OLMSTED INSTRUMENT COMPANY			
	REPAIR STATION CERT. NO. 161-7			I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.171 (a)(4) PART 43, APPENDIX E HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET AND TEST RESULTS ARE ON FILE UNDER ORDER NUMBER AC-0449
				DATE 10/31/80
				SIGNATURE Philip S. Redburn OLMSTED INSTRUMENT COMPANY REPAIR STATION CERT. NO. 161-7

[illegible]

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.)
Oct 20 1987				Removed DME-890 and re located Bendix
				ADF (T-120) to its position. Installed Micro logic Loran
				in center instrument panel. All work done in accordance
				with manufacturers specs and AC 43.13 1A/12A as
				a guide. Instrument panel placed VFR only. No
				change in A/C weight/balance computations
				(See 337 Form for details)
				John Stehler, Avionics
				Kemper Station #1135
				JL Kemper



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
JUNE 17 1989	348.6			Inspected Aircraft IAW Memory Annual Inspection Guide. Placed Aircraft on Jack and Performed Retraction test, adjusted nose gear doors and greased. Manually extended gear. and checked wiring systems. Installed New-ELT Battery Next due May 1991. ALL AD'S OK'S & C/W THRU 85-2403
		TOTAL	A/F	2864.45
		ENE		1878.83
		SMCH		40.84
		SFOH		556.55
				I certify that this AIRCRAFT has been inspected I/A/W A <u>ANNUAL</u> inspection and has been determined to be in airworthy condition
				<u>Robert D. Norman</u>
				449298464021 JH

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-26-90	373.43			Remove Hartzell Propeller Model HC- C2YR-1BF Serial Number- CH11440 For A.D. Compliance. See work Order # 9234 For Details of work performed. Install Same Propeller On Aircraft, Torque And Safety Mounting Studs, Install Front Spinner Support And Spinner. Test Run-up OK. Work Performed By Priebe Propeller Shop, Inc. Repair Station # TCR930M.

Michael J Davis

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
10-1-91	4111.78			Placed Aircraft on Sacks, Cycle checked hdy. Manual extension CKD and all warning horns, Greased hdy & wheel Bearing. Inspected wheels & Brakes. Serviced Battery. Lubed All ENGINES Controls & A/F controls. E.L.T. Battery Due AD 77-12-06 Hartzell Prop Due 9-96 AD 84-26-02 Paper Airfilter Due 1007.0 AD 90-04-06 R1 Governor Oil Line & F.Hings Due TACK TIME 436:78. AD 91-14-08 Lye "Prop Strake" N/A @ this Time AD 76-07-12 Bendix Ignition Switch C/w by JCS All AD's CKD & C/w thru 91-25M

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-1-91	411.78		2927:43	
	SMO H		104:04	
	TOTAL ENG		1942:01	
	SPOT H		38.35	
				I certify that this Aircraft has been inspected by me and is in good condition for flight.
				Signature of Inspector: <i>Robert A. Norman</i>
				Signature of Pilot: <i>ASIP 29866402/TH</i>
				END

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
19 <u>92</u>				
4/11/92.	Removed	Meteorologic	Loran and	installed new #1 Morse Flybaby 800+
	System and	reinstated	Hercs OME-570.	All work was done in
	accordance with	Apollo/Hercs's	installation	manuals and Ac 43.13.1404
	as a guide	(See 337 E.O.m	for details)	
	Instrument panel	placed	"Loran-C VFE only"	
Aircraft empty weight is	16,40.7	lbs.		Ohio State Univ
Empty weight C.G. is	45.21	in.		Repair Station ITR0025F
Landing gear is	934.3	lbs.		R J Amey Jr
New moment of	74,596.66	in/lbs.		

Don't tell her down back, sweetest.

DT-28-A72 in Landing gear

DT-28-A72 in Landing gear system and ops checked - var gear - numerous times checks of

Accepted Charles  
A. P. 1904 4684.88

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.)
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GLENDAL AIR CENTER PHONE 602 872 1510

DATE 8/11/93 TACH 441.0 HOBBS

Total Time 2956.86

INSPECTED AIRCRAFT 1900 Mooney Annual  
INSPECTION GUIDE, LUBE ALL CONTROLS and  
landing gear

C/W AD 73-21-01 By Lube

C/W AD 75-23-04 Part I, & Part II

C/W AD 76-07-12 OPS CKED

C/W AD 90-04-06 Para (a)(1)

C/W AD 93-02-05 Para (a) using S/B 342A

I CERTIFY THAT THIS AIRCRAFT  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH A Annual INSPECTION

AND HAS BEEN FOUND TO BE  
IN AN AIRWORTHY CONDITION

Richard Dalrymple AQP 2103463 WA

DATE | RECORDING | TOTAL

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

ORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)



## INSTRUMENTS

FAA REPAIR STATION # **MVVR049L**

(214) 357-4476

THE TRANSPONDER(S) OF THIS AIRCRAFT WERE  
TESTED PER FAR 91.413 PART 43 APPENDIX F AND  
FOUND IN COMPLIANCE WITH CURRENT FAA  
REGULATIONS AS OF THIS DATE 8 / 12 / 91.

#1 PART NUMBER: KT78

#1 SERIAL NUMBER: 1517

#2 PART NUMBER:           

#2 SERIAL NUMBER:           

WORK ORDER NUMBER: 13353

INSPECTOR: Mark Taylor





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.)
				Sent tachometer to Stahl Air (wm185894).
				to be remarked and have time adjusted to
				reflect total time (time read 486.53). Reinstalled
				tachometer. Replaced auto-pilot boost at manifold.
				Installed bracket air filter (BA-6310). see 337
				filed this date CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED
				IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND
				WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				DATE <u>09-10-94</u> <u>Donald D. Johnson</u>
				TOTAL TIME <u>3006.39</u> DONALD D. JOHNSON, JR.
				A&P4888287191A





I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED

IN ACCORDANCE WITH Annual INSPECTION AND

WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATE 10-11-95 Handwritten signature

DONALD D. JOHNSON, JR.

TOTAL TIME 3155.21  
DONALD D. JOHNSON, JR.  
A&P4888287191A

[illegible]

# INSTRUMENTS

FAA REPAIR STATION # MVR049L

(214) 357-4476

THE TRANSPONDER(S) OF THIS AIRCRAFT WERE  
TESTED PER FAR 91.413 PART 43 APPENDIX F AND  
FOUND IN COMPLIANCE WITH CURRENT FAA  
REGULATIONS AS OF THIS DATE 8 / 30 / 16.

**#1 PART NUMBER:**

KT78

**#1 SERIAL NUMBER:**

257

**#2 PART NUMBER:**

**#2 SERIAL NUMBER:**

WORK ORDER NUMBER

17070

**INSPECTOR:**

Wants to go



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/22				Replaced aircraft battery with Concorde RG35
				B/N 291208.
				Terri A. Wild 463670058
10-10-96	320313		3203.13	Completed Annual inspection. Cleaned and lubricated airframe components. Performed landing gear retract and extension check. C/W AD 73-21-01(10/10/13) flight control and landing gear - c/w again 10/9707 3303.13.
				I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
				IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND
				WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				DATE <u>10-10-96</u> <u>Donald D. Johnson</u>
				TOTAL TIME <u>3203.13</u> DONALD D. JOHNSON, JR.

**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.)

10.29

3213.47

3213.47

Completed Annual inspection. Cleaned and lubricated airframe components. Performed landing gear retraction and extension check. Installed new suction regulator filter. C/W AD 73-21-01 (10/10/73) flight control and landing gear - due again 10/98 or 3313.417.

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED

IN ACCORDANCE WITH Avva INSPECTION AND  
WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATE 10-29-97

Donald D. Phinney

~~DONALD D. JOHNSON, JR.~~

TOTAL TIME	3213.47
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**A&P4888287191A**

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
10-30-98	3319.5		3319.5	Completed Annual inspection. Cleaned and lubricated as required. Performed landing gear retraction and manual extension test. C/w AD 73-21-01(10-10-73) Rod end inspection - due again tach 3319 or 10-99.
				I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
				IN ACCORDANCE WITH Annual / INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATE 10-30-98				DONE [Signature]
TOTAL TIME 3319.5				DONALD D. JOHNSON, JR. A&P4888287191A

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS ENTRIES MUST BE ENDORSED WITH NAME, RATING MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR
1999				
4/18	3220		3220	Replaced aircraft battery with REPAIR Nashville
6/24/99	3226.25		3226.25	Removed and Reinstalled AFTER OIL COMPASS AND DIRECTIONAL gyro. Given by RUDDY AIRCRAFT INSTALLED on 4/10 16945. Replaced FICAD ACTUATOR WITH NEW. ADJUSTED LIMIT SWITCHES AND RIGGING. TEST Mark A. Segel APO513445670

ENTRIES  
MECH.

## DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS



FAA REPAIR STATION # MVVR049L

(214) 357-4476

THE ✓ PILOT'S ~~CO-PILOT'S~~ STANDBY  
STATIC PRESSURE SYSTEM(S) OF THIS AIRCRAFT  
WAS/WERE TESTED I.A.W. CURRENT

REQUIREMENTS OF FAR 91.411 PART 43 APP. E  
PARAGRAPH "A" AND "C" AND FOUND TO BE IN  
COMPLIANCE AS OF THIS DATE 5/23/99.  
WORK ORDER NUMBER: 21445

INSPECTOR:

Mark Jordan



## INSTRUMENTS

FAA REPAIR STATION # MVR049L

(214) 357-4476

THE TRANSPONDER(S) OF THIS AIRCRAFT WERE  
TESTED PER FAR 91.413 PART 43 APPENDIX F AND  
FOUND IN COMPLIANCE WITH CURRENT FAA  
REGULATIONS AS OF THIS DATE 4/16/99.

#1 PART NUMBER: KT78

#1 SERIAL NUMBER: 1517

#2 PART NUMBER: —

#2 SERIAL NUMBER: \_\_\_\_\_

**WORK ORDER NUMBER:**

**INSPECTOR:**

R NUMBER: 21445

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
<del>10-27</del> 10-28	3260.417		3260.417	Completed Annual inspection per FAR 43 appendix D.
11-01				Cleaned and lubricated air frame components. Tightened compass mount screws. Installed new induction air filter element (BA-6305). Installed new instrument filters (EB601-5004) and regulator filter (B3-5-1). Serviced brake reservoir with MIL-5606. Installed new fuel cap o-rings (MS29513-338). Installed new E.I.T. battery which expires Dec 2001. Installed new nose wheel bearings, races, felt and grease. Adjusted suction regulator per Mooney service manual. Repaired compass light wiring. Installed new positive control diaphragms (2007-1). Installed

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.)
				new landing gear up light bulb (GE-330).
				Performe new landing gear retraction and manual
				extension check. C/W AD 73-23-01 (10-10-73)
				control rods and landing gear. due again tach
				3360. C/W AD 75-23-04 (12-08-75) part II. Gear
				actuator (5B. M20-190). due again tach. 3460.
				AD 98-24-11 (12-28-98) aileron links. due by
				tach. 3319 (Parts on order). I certify that this
				aircraft has been inspected in accordance with
				Annual inspection and was determined to be in
				an airworthy condition. ADP488828719JA.
				<i>Donna D. Phoebe</i>

10-20-99

WO # 21062

Tach: 3257.80

Removed MK-24 Nav/Com, VOA-9 VOR Indicator and UGR-2 G/S Receiver. Installed Garmin GNS-430 Nav/Com/GPS/Moving Map P/N 011-00280-00 S/N 96302585, GA-56 GPS Antenna P/N 011-00134-00 S/N 59039380, AK-550-6 DC to DC Converter P/N AK-550-6 S/N 55559, PM 1000 II Intercom P/N 11920 S/N EA-03081-E03081, 3-200-12 Vacuum Gauge S/N B1849, and KNI-520 VOR Indicator P/N 066-3011-01 S/N 1668. Equipment was installed IAW Manufacturers Installation Manuals and AC 43.13-2B & 1A. Reference FAA Form 337 Dated 10-20-99. All equipment was tested with no discrepancies found.

Lloyd J. Timmons II  
Southwest Avionics  
CRS D0FR289Y

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

CUSTOMER PO	TERMS	MAKE/MODEL	AIRCRAFT REG	SERIAL #
	Due on receipt	Mooney	N9134V	690027

## DESCRIPTION

QTY RATE

1.) Mode C inoperative.---Tested and inspected. Found automatic altitude encoder bad. Ordered new AK-350 on 12/06/99. Removed Aero Instrument encoder model SSD120, S/N 33050 and installed Ameri-King Encoder Model AK-350 S/N 3522539. Tested and inspected pitot static system. Tightened loose connection at Altimeter. Found leaks at belly drain and Alternate static vent valve. Bypassed manual drain on belly and turned vent valve opposite direction. Only leaking one way through valve handle. Leak checked good. Tested Encoder and adjusted according to FAR 43, App. E & F.

With reference to item(s) 1, the aircraft and / or component identified was repaired and inspected in accordance with current FAA Regulations and is approved for Return to Service. Pertinent details of this repair are on file at this Repair Station under order.

Southwest Avionics CRS# DORR289Y

Inspector

Date

*[Signature]* 12-8-99

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3338.92	3338.92		3338.92	Completed annual inspection per FAR 43 Appendix D. Inspected E.L.T per FAR 91.307(d). Installed new static drain valve seal. Installed new left main gear tire. Installed new outer nose wheel bearing and race. Installed new induction air filter element. Installed new suction regulator filter. C/w AD 73-21-01 (10/10/73) landing gear, due again 12-2001 or 3438.92. C/w AD 73-23-04 (12-08-75) Part 11, due again tach: 3438.92. C/w AD 93-02-05 (06-14-93) Fuel control line, due again tach: 3438.92. C/w AD 98-24-11 (12-28-98) Airron links.

DATE \_\_\_\_\_  
RECORDED \_\_\_\_\_

19\_\_

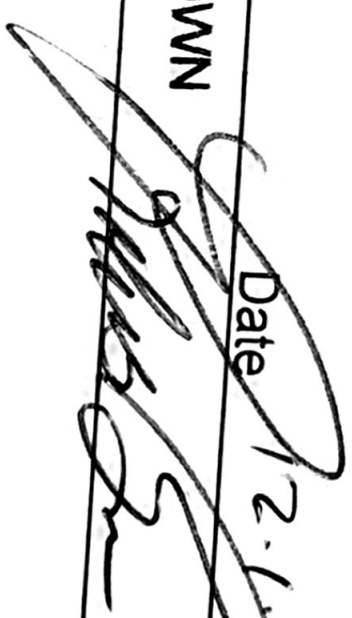
INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
CERTIFICATE NUMBER OF

C/W AD 98-24-11 PER MOONEY S.B. M20-264 BY  
REPLACING LINKS WITH LASAR/FAA PMA PARTS  
LA-730005-1 & LA730006-000 (REINFORCED),  
S.B. M20-264 & AD98-24-11 NO LONGER APPLIES.

No. 113000-6449

Signed ROBERT G. BROWN

Date 12-1-00



LAKE AERO STYLING & REPAIR

4725 Highland Springs Rd.

Lakeport, CA 95453 — Phone (707) 263-0412

F.A.A. Approved Repair Station #NT3R722L

SERVICEABLE

8-44

1. UNITED STATES

# FAA FORM 8130-3

## AIR WORTHINESS APPROVAL TAG

U.S. Department of Transportation  
Federal Aviation Administration

3. System Tracking Ref. No.

21444

4. Organization

Aero Instruments  
7515 Lemmon Ave. Hangar "L"  
Dallas, Texas 75209

5. Work Order, Contract,  
or Invoice Number..

6. Item

7. Description

8. Part Number

9. Eligibility\*

10. Quantity

11. Serial/Batch Number

12. Status/Work

1 ENCODE

SSD120-30

TSO Article NA  
VARIOUS

1

533050

F/T

13. Remarks:

REFERENCE SERVICE SHOP REPORT FOR WORK PERFORMED

The component identified hereon was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this facility.

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New ☐

Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. ☒ Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part is approved for return to service.

15. Signature:

N/A

16. FAA Authorization No.:

N/A

20. Authorized Signature

*[Signature]*

21. Certificate Number

MVV R049L

17. Name (Typed or Printed)

N/A

18. Date:

N/A

22. Name (Typed or Printed)

*[Signature]*

23. Date:

4-16-99

**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.)

MOONEY M20E

690027

TACH: 3349.39

07/05/01

INSTALLED WHELEN WING TIP STROBE LIGHT SYSTEM IN ACCORDANCE WITH STC SA800EA. LOCATED POWER SUPPLY IN LOWER FUSELAGE UNDER CO-PILOT SEAT AT STATION +40.5. WEIGHT AND BALANCE, EQUIPMENT LIST REVISED. INSTALLED NEW AMMETER GAGE (440460). INSTALLED NEW FUEL BOOST PUMP SWITCH (930018-011). SERVICED TIRES TO MANUFACTURES SPECIFICATIONS.

**DONALD D JOHNSON JR**

Donald D. Pinsky  
A&P488828719IA

A&P488828719IA

[illegible]

**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.)

Installed owner supplied navigation light  
breaker/switch. Cleaned flap up limit micro-switch.

AdP488828719IA.

Donald D. Johnson Jr.

Oil Change 7815 Aero Shell 15-ws Scott Mitchell # 361603141

P-48

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	NUMBER OF FIC ENTRIES
19__	1			
			N9134V	690027
			TACH: 3382.9	01/28/02
			MOONEY M20E	
			TOTAL TIME: 3382.9	
			COMPLETED ANNUAL INSPECTION PER FAR 43 APPENDIX D. INSPECTED	
			ELT PER FAR 91.207(d). INSTALLED NEW ELT BATTERY (00-10-009) WHICH	
			EXPIRES 02/2004. INSTALLED FUEL DRAIN KIT# M20-188-1 IN THE LEFT	
			WING PER MOONEY S/B M20-188A. INSTALLED NEW SUCTION REGULATOR	
			FILTER (B3-5-1). SERVICED BRAKE RESEVOIR WITH MIL-5606. INSTALLED	
			NEW FUEL CAP ORINGS (MS29513-338). ADJUSTED PARKING BRAKE	
			CONTROL CUSHION. INSTALLED OWNER SUPPLIED SHOULDER HARNESS	
			KIT PER MOONEY DRAWING # 940044 UNDER TC 2A3. C/W AD 73-21-01	
			CONTROL ROD ENDS, DUE AGAIN TACH: 3482.9. C/W AD 93-02-05 FUEL	
			INJECTOR LINES, DUE AGAIN TACH: 3482.9. I CERTIFY THAT THIS AIRCRAFT	
			HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND	
			WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
			DONALD D JOHNSON JR	

*Donald D Johnson Jr*  
A&P4888287191A

[illegible]

P.50

DATE	RECORDING	TODAYS	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19__	TACH TIME	FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

N9134V  
TACH: 3393.78  
MOONEY M20E  
TOTAL TIME: 3393.78  
690027  
08/22/03

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D.  
CLEANED AND LUBRICATED AIRFRAME COMPONENTS AS REQUIRED. INSPECTED ELT  
IN ACCORDANCE WITH FAR 91.207(d). SECURED OIL FILLER ACCESS DOOR HINGE PIN.  
COMPLIED WITH AD 73-21-01 CONTROL ROD ENDS, DUE AGAIN TACH: 3493.78.  
COMPLIED WITH AD 2002-26-01 FUEL INJECTOR LINES, DUE AGAIN 08/2004 OR TACH:  
3493.78. PERFORMED LANDING GEAR RETRACTION AND MANUAL EXTENSION CHECK.  
INSTALLED NEW SUCTION REGULATOR FILTER. I CERTIFY THAT THIS AIRCRAFT HAS  
BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DONALD D JOHNSON JR  
*Donald D Johnson Jr*  
A&P4888287191A



P. 52

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
19__				

Airframe Entry

01-20-05

3404.0 TT      3404.0 ATT      N9134V      Mooney M20E  
S/N 690027

Ran electrical check, serviced battery, cleaned, treated for corrosion and painted battery box. Cleaned fuel strainer screen, lubed control rod ends, greased landing gear zirks, repacked all wheel bearings, replaced brake linings, replaced brake pressure plate with new P/N 5B-063-01200, CMW SB M20-208B-Inspection of fuselage tubular structure by visual inspection (Part A only). No defects noted. CMW FAR 91.207 C and D on ELT. Removed ELT, cleaned corrosion from ELT battery connections. Replaced and reinstalled ELT battery. Battery expiration 12/2006 CMW AD 73-21-01 by check and lube of controls and rigging check of landing gear, next inspection due at 3504.0 TT, CMW AD 75-09-08 PCW. No further action required. CMW AD 75-23-04 by replacement of Duke's landing gear actuator after overhaul by Pifer's Airmotive, Inc. W/O#16953 dated 12/15/04. (See Form 8130 dated 12-13-04). Reinstalled unit and operationally checked landing gear. Next inspection for Part A due at 3604.0 TT and Part B due at 3504.0 TT. CMW AD 76-07-12 by functional check of switch, next inspection due at 3504.0 TT, and AD 85-24-03 Para (b) by inspection of fuel tank filler caps, next inspection due at annual.

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


Signature

*Mark Austeyre*

IA# 452157668

WRISTON AVIATION

(214) 212-0499  
C.R.S. R2FR683J

Customer Name: N9134U	
Date: 2/14/05	ALT. P/N: 573618A-1
ALT. Make: Unibell	ALT. S/N: L3363
Checked by: 	

ALTIMETER SCALE CORRECTION CARD

W/O# 050213

ALTITUDE		ALTIMETER READS		ALTITUDE		ALTIMETER READS	
FEET	UP	TOLERANCE		FEET	UP	TOLERANCE	
-1,000	-1010	± 20		12,000	11925	± 90	
0	-5	± 20		14,000	13920	± 100	
500	500	± 20		16,000	15925	± 110	
1,000	995	± 20		18,000	17935	± 120	
1,500	1500	± 25		20,000	19925	± 130	
2,000	2000	± 30		22,000		± 140	
3,000	3000	± 30		25,000		± 155	
4,000	4000	± 35		30,000		± 180	
6,000	5990	± 40		35,000		± 205	
8,000	7955	± 60		40,000		± 230	
10,000	9945	± 80		45,000		± 255	
				50,000		± 280	

J

STATIC  
91.411  
NCE WITH  
VAS

1/19/05  
ON FILE  
NO. 050213

FOR  
S. No. R2FR683J

KE 6-3  
INSTALLED IN  
EQUIRED

R 43  
TACH 340x1.27  
IN FILE

O. 050213  
FOR  
S. No. R2FR683J



DATE  
19\_\_

A. D.  
NUMBER

TOTAL  
TIME IN  
SERVICE

AIRWORTHINESS DIRECTIVES  
CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

9-13-84	713-21-01	2307.9	FLIGHT CONTROLS (ATC) GEAR RIBBING INSPECTION OK NEXT DUE 2407.9 OR 9-13-85 <i>Long J. Smith</i> CRS 110-2
9-13-84	715-23-04	2307.9	BUKES BEAR MOTOR CHU INSPECTION & LUBRICATION NEXT DUE PART A - 2507.9 INSPECT 7-5mch PART B - 2407.9 LUBE CRS 110-2
9-13-84	716-07-12	2307.9	BENDIX IGNITION CHU FUNCTIONAL END TEST NEXT DUE 2407.9 <i>Long J. Smith</i> CRS 110-2
8-28-84	717-12-06	2307.9	HARTZELL PROP INSTALLED NEW PROP NEXT DUE 8-28-89 OR 3807.9 <i>Long J. Smith</i> CRS 110-2
5-4-88	713-21-01	2823.59	LOD-65A FLIGHT CONTROLS - GMAH ± DUE 2923.59 <i>Compliance PART II Lubrication</i>
5-4-88	715-9-8	2823.59	ENGINE HT. MEMBERS OVERHAUL CHU/HT BEEN ADDED <i>REPAIR</i>
5-4-88	717-7-4	2823	CONTROL WHEEL SHIFTS CHU NEXT DUE 3323has <i>EVERY</i>
5-4-88	718-15-2	2823	FILE SDE BUREAU OVERHAUL CHU
5-4-88	80-13-03	2823	ELECTRIC BOOST PUMP CHU 8-5-80
5-4-88	815-24-08	2823	INSPECTED WIND-EROSION RESISTANCE AS NECESSARY <i>FOUND OK</i>

DATE  
19\_\_

A. D.  
NUMBER

TOTAL  
TIME IN  
SERVICE

AIRWORTHINESS DIRECTIVES  
CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

7/3-21-81

100 102 Hrs  
in Manned

Worse All Rev Rev Bldgs - Lowman & HDA Gene

7/3-09-08

100 Hrs  
Manned

INSPECT Bldg MANT FOR CRACKS.