

AIRCRAFT DESCRIPTION

PILOT Mooney MODEL M20K DATE OF MFG. _____

PILOT 25-0166 REGISTRATION NUMBER N231ME

PILOT OWNER _____

PILOT ADDRESS _____

PILOT STATE, ZIP _____

PILOT _____

PILOT ADDRESS _____

PILOT STATE, ZIP _____

PILOT OWNER _____

PILOT ADDRESS _____

PILOT STATE, ZIP _____

PILOT _____

PILOT ADDRESS _____

PILOT STATE, ZIP _____

Inspection Status

[Check one]

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
TESTED AS REQUIRED BY FAR PART 91.411 IAW FAR PART 43 APPENDIX "E" PARA A STATIC SYSTEM PARA B ALTIMETER TO <u>12000</u> FT MAKE <u>Aerosonic</u> S/N <u>C115413</u> PARA C INTEGRATED TEST TO <u>12000</u> FT MAKE <u>ACKA3</u> S/N <u>31780</u> TESTED AS REQUIRED BY FAR PART 91.413 IAW FAR PART 43 APPENDIX "F" TRANSPONDER MAKE <u>King</u> <u>KT76A</u> S/N <u>14963</u> THESE AIRCRAFT COMPONENTS ARE APPROXED FOR RETURN TO SERVICE UNDER W.O. NO. <u>7081</u> BY DAVISAIR, INC. CRS BAYR365 SIGNED <u>[Signature]</u> <u>due 9-98</u>						
TESTED AS REQUIRED BY FAR PART 91.411 IAW FAR PART 43 APPENDIX "E" PARA A STATIC SYSTEM PARA B ALTIMETER TO <u>16000</u> FT MAKE <u>Aerosonic</u> S/N <u>C115413</u> PARA C INTEGRATED TEST TO <u>1616</u> FT MAKE <u>A-30</u> S/N <u>31780</u> TESTED AS REQUIRED BY FAR PART 91.413 IAW FAR PART 43 APPENDIX "F" TRANSPONDER MAKE <u>KT76A</u> S/N <u>14963</u> THESE AIRCRAFT COMPONENTS ARE APPROXED FOR RETURN TO SERVICE UNDER W.O. NO. <u>7451</u> BY DAVISAIR, INC. CRS BAYR365 SIGNED <u>[Signature]</u> <u>due 11/2000</u>						

ALTIMETER

M CHECKS

DATE MA

12/11/2000
SAT TBS

SCALE CORRECTIONS

ALTIMETER NO.

Altitude Reads	ADD		Altitude Reads	Room Temp. OC
	Algebraically	Room Temp. OC		
-1,000	-5		18,000	-90
0	-0		20,000	-100
1,000	-10		25,000	
2,000	-0		30,000	
3,000	-0		35,000	
4,000	-10		40,000	
6,000	-20		45,000	
8,000	-30		50,000	
10,000	-50		60,000	
12,000	-50		70,000	
14,000	-60		80,000	
16,000	-60			

C115413

FORM 10

FORD CO. LW6R186J
McVILLE AIRPORT
FREEPORT, PA 16229

TESTED BY:
W/O CC1205

APPROVED BY

Lyle R. D.
248440 1/2

ALT. RECHECK REQUIRED APPROVED BY AGENCY CERT N

IFR

R186J

ter/ encoder/static
ave been complied
(c) test has been

600 C115413
31780
14963

/N.
2011.2000
223 FORM 1
1880 Rpm

RADIO & E

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK
------	------------	-------------------	---------------

Dec 26, 2002

SYSTEM

IFRS AT CNK

Lynn Ford

921345951

I certify
system test
with. FAI
complied
Altimeter
Encoder
Transport

W/O# 6
Next Test

SCALE CORRECTIONS

ALTIMETER NO. 1

Aircraft	ADD Algebraically Room Temp. OC	101627	C115413
Altimeter Reads		Altimeter Reads	Room Temp. OC
-1,000	-10	18,000	-120
0	+10	20,000	-130
1,000	-0-	25,000	
2,000	+10	30,000	
3,000	-0-	35,000	
4,000	-0-	40,000	
6,000	-20	45,000	
8,000	-50	50,000	
10,000	-80	60,000	
12,000	-80	70,000	
14,000	-100	80,000	
16,000	-100		

FORM 10

FORD CO. LW6R186J
McVILLE AIRPORT
FREEPORT, PA 16229

TESTED BY:
W/O 021201

APPROVED BY

Lynn Ford

24848808

D/A

SCALE CORRECTIONS

ALTIMETER NO. 1

Altitude Reads	ADD Algebraically Room Temp. OC	Altitude Reads	Room Temp. OC
-1,000	-20	18,000	-120
0	+15	20,000	-130
1,000	+5	25,000	
2,000	+20	30,000	
3,000	-0	35,000	
4,000	-0	40,000	
6,000	-20	45,000	
8,000	-30	50,000	
10,000	-60	60,000	
12,000	-70	70,000	
14,000	-100	80,000	
16,000	-100		

FORM 10

FORD CO. LW6R186J
McVILLE AIRPORT
FREEPORT, PA 16229

TESTED BY:
W/O 040210

APPROVED BY

Lynn P. 2404000

ONIC CHECKS

DR OR
ULTSNEXT CHECK
DUECHECKED BY:
SIGNATURE — CERT. N

TO 30K

IFR

LW6R186J

order/altimeter/ encoder/static
and 91.413 have been complied
E, Paragraph (c) test has been

101627 C115413
430 31780
KT76A 14963

Ipdel:

S/N.

Date Feb 23, 2004

C 02-2006 FORM 1

Lynn P. 2404000

Boshart Enterprises Inc.
Genesee county Airport
Batavia, NY 14020

Tested in Compliance with
Part 43 Appendix E Paragraph (A,B)

Repair Station Number B2ER144J

CHECKED BY:
ATURE — CERT. NO.

DATE

TOTAL
TIME

Boshart

Aircraft

Tr

En

Al

Al

Signe

Aircraft

Test Altitude in Feet	Reading	Tolerance +/- (feet)
-1000	-15	20
0	10	20
500	5	20
1000	10	20
1500	15	25
2000	15	30
3000	10	30
4000	5	35
6000	-5	40
8000	-20	60
10000	-20	80
12000	-40	90
14000	-70	100
16000	-75	110
18000	-80	120
20000	-90	130
22000	/	140
25000	/	155
30000	/	180
35000	/	205
40000	/	230
45000	/	255
50000	/	280

HYSTERESIS/TEST TOLERANCES

	Reading	Tolerance (feet)
Case leak Test	40	100
Hysteresis Test	5	75
First TP...50% of Max	5	75
Hysteresis Test	10	75
First TP...40% of max	10	75
After Effect	0	30

Kollsman Window Calibration

Pressure Setting in In./Hg.	Reading	Altitude Difference (feet)
28.10	-1710	-1727
28.50	-1340	-1340
29.00	-985	-863
29.50	-585	-392
29.92	0- (ref)	0
30.50	535	531
30.90	970	893
30.99	165	974

boshart1

W/O No. 451507 Date: 10/26/01

ELECTRONIC CHECKS

Boshart Enterprises Inc.
Genesee county Airport
Batavia, NY 14020

Tested in Compliance with
Part 43 Appendix E Paragraph (A,B)

CHECKED BY:
SIGNATURE — CERT. N.

Repair Station Number B2ER144J

Test	Reading	Tolerance	HYSTERESIS/TEST TOLERANCES		
Altitude in Feet		+/- (feet)		Reading	Tolerance (feet)
-1000	0	20	Case leak Test	12	100
0	5	20			
500	2	20			
1000	3	20			
1500	5	25			
2000	10	30	Hysteresis Test	0	75
3000	5	30			
4000	10	35	First TP...50% of Max	10	75
6000	12	40			
8000	-10	60	Hysteresis Test	10	30
10000	-20	80			
12000	-30	90	First TP...40% of max	10	30
14000	-70	100			
16000	-100	110	After Effect	10	30
18000	-110	120			
20000	-130	130	Kollsman Window Calibration	10	30
22000		140			
25000		155	Pressure Setting in In./Hg.	28.10	-1727
30000		180			
35000		205	Reading	-1718	-1340
40000		230			
45000		255	Altitude Difference (feet)	-1345	-863
50000		280			
			Pressure Setting in In./Hg.	28.50	-863
			Reading	-800	-392
			Altitude Difference (feet)	-392	0
			Pressure Setting in In./Hg.	29.00	531
			Reading	-0- (ref)	893
			Altitude Difference (feet)	875	974
			Pressure Setting in In./Hg.	30.50	974
			Reading	30.90	974
			Altitude Difference (feet)	875	974
			Pressure Setting in In./Hg.	30.99	974
			Reading	30.99	974
			Altitude Difference (feet)	875	974

W/O No. A66798

Date: 5/14/07

boshe11

DATE

DUNKIRK

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT NO: N231ME

ALTIMETER S/N: C11540

SCALE CORRECTIONS

Add algebraically
at room temp.

-1000	0
0	0
500	-10
1000	-10
1500	-10
2000	-10
3000	-10
4000	-10
6000	-10
8000	-10
10000	-10
12000	-10

Tested by: mt

Date: 5/12/12

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED
ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE
TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR
ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD.
THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT
IS NOT INSTALLED IN THE AIRCRAFT.

Add algebraically
at room temp.

14000	70
16000	90
18000	100
20000	100
22000	100
25000	100
30000	100
35000	100
40000	100
45000	100
50000	100

FAA CRS# DKZR372X

FORM 106

CHECKED BY:
 NATURE — CERT. NO.

[illegible]

DUNKIRK

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT N#: 231 ME

ALTIMETER S/N: C115413

SCALE CORRECTIONS

Add algebraically
at room temp.

	at room temp.
-1000	-15
0	-10
500	-5
1000	-5
1500	-15
2000	-15
3000	-5
4000	-20
6000	-15
8000	0
10000	30
12000	10

Add algebraically
at room temp.

14000	32
16000	72
18000	102
20000	
22000	/
25000	/
30000	/
35000	/
40000	/
45000	/
50000	/

Tested by:

Date: 6/5/14

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

FAA CRS# DKZR372X

FORM 106

CHECKED BY:
SIGNATURE — CERT. NO.

RADIO & ELECTRONIC CHECKS

ED BY:

CERT. NO.

DATE

TOTAL
TIME

EQUIPMENT
CHECKED

TYPE OF
CHECK

ERROR OR

NEXT CHECK

ED BY:

CERT. NO.

DUNKIRK

The following alt
as required by 1-
performed.

Part (a) Static Sy

Part (b) Altimete

Pilot's 1016

S/N C115

Tested to 18

Part (c) Integrate

Technician

DUNKIRK AV

ATC Transponder

14CFR Part 43, A

Transponder Mod

Transponder Mod

Technician

DUNKIRK AVI

N231ME

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT N#: N231ME

ALTIMETER S/N: C11543

SCALE CORRECTIONS

Add algebraically
at room temp

1000	-20
0	-13
500	-20
1000	-10
1500	-10
2000	-20
3000	10
4000	20
6000	40
8000	40
10000	60
12000	80

Add algebraically
at room temp

14000	20
16000	90
18000	110
20000	///
22000	///
25000	///
30000	///
35000	///
40000	///
45000	///
50000	///

Tested by: mtk

Date: 6/7/12

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED.
ONLY ABOVE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER (CALIBRATED
TO AN ACCURATE NEIGHBORING BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED)
AND ACCEPTANCE MAY BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS
CARD. THE COMPLETED SCALE CORRECTIONS ON CARD WILL BE ATTACHED TO THE ALTIMETER
WHEN IT IS NOT SATISFACTORY TO THE OPERATOR.

FAA CRS# DKZR372X

FORM 106

[illegible]

1. DISASSEMBLY & INSP.
2. OVERHAUL & REPAIR
3. OUT OF CASE CALIB.
4. INSPECTION
5. FINAL ASSEMBLY
6. CASE CALIB.
7. PAINTING & DECAL
8. FINAL INSP.

[illegible]

E REC.

CE REQ

706

23

REWORK

START

STOP

[illegible]

NAME AIRCRAFT ENGINE, PROPELLER OR APPLIANCE
AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS AND IS APPROVED FOR RE-
THE REPAIR ARE ON FILE AT THIS

MAINTENANCE RECORD

F.A.R. 43.9

[illegible]

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 SER
		September 11 2002 N231ME Mooney M20K ATT. # 3058.6 Serial # 25-0166 This date completed full strip and reseal both wings fuel tank including all sections. Work consisted of evaluation of sealant; removal of all interior tank components; strip tanks and access panels; cleaning and degreasing areas to be sealed. Visual structural inspection; apply adhesion promoter, PRC-148; seal tanks and access panels with PRC 1422-A1/2 and B2 inspection and touch up; apply sealant protection overcoat, PRC 10051; replace 10 nut plates and service fuel caps, drains; reinstall all interior-tank parts close and re-seal panels with PRC-1422-B2. pressure test to 1 psi maximum; comply with Mooney SB M20-250A (AD85-24-03). Performed work I.A.W. manufacturers specification at Wet-Wingologists east, 1725 W. Commercial Blvd. hangar # 1, Ft. Lauderdale Fl 33309. END <i>[Signature]</i> A&P:110506760	

F.A.R. 43.9

[illegible]

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 SERV

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
 LOG ID# 1453 31-December-2003 WO# 8882/1
 N231ME S/N 25-0166 MOONEY m20K

Pg 1 / 1

**** ITEM # 8882-1 ADF inop ****
 DISCREPANCY: ADF inop

Model: KR-85 Part#: 066-1023-00 Serial#: 37060
 ACTION: removed ADF receiver for bench check. Found that the internal fuse bad. Replaced the fuse , run unit on bench for a period of time. reinstall ADF receiver and checks good on 257,388 & 363 khz.

**** ITEM # 8882-2 dme inop ****
 DISCREPANCY: DME inop

ACTION: Using ramp tester verified dme not interracting to test signal. Inspect antenna system. drop bottom belly panel and find antenna coax not connected to antenna, connect it. dme system ramp check good.

**** ITEM # 8882-3 post lites inop ****
 DISCREPANCY: Post lights inop.
 ACTION: replaced both lamps on the post lites over engine gauges.

*
 Model: KX-155 Part#: 069-1024-31 Serial#: 5690
 ACTION: Remove #2 comm for bench check , run unit hot and unit bench checks good . Reinstall same unit and checks good on an engine run up.

Date

11/08/03

Ken St. 2647315

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
28/96		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>APPROVED FOR RETURN TO SERVICE</u> T.T. <u>2737.0</u> DATE <u>28 SEPT 1996</u> SIGNATURE <u>W. Mangel</u> A.I. 765258 <u>Hubbs 1576.5</u>
16/97	TT 2828.7 TTC 1668.2	<u>100 hr</u> INSPECTION, CHANGED MAIN GEAR TIRE, CHANGED OIL, <u>W. Mangel</u> A.I. 765258 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>APPROVED FOR RETURN TO SERVICE</u> T.T. <u>2828.7</u> DATE <u>6 OCT 1997</u> SIGNATURE <u>W. Mangel</u> A.I. 765258
16-98	TT 3449.2 HAB 1786.7	Completes Annual Inspection IN ACCORDANCE with <u>Mooney + Cont. Navors</u> Inspection Check List, AD's <u>Revised</u> thru <u>PIWEEK 9822</u>, <u>SEARIES</u> Fuel System + <u>Sumps</u>, <u>BATTERY</u>, <u>Brake</u>, <u>HYD</u>, <u>brake fluid</u> etc, <u>Gear</u> <u>Reduction</u> <u>TEST</u> <u>W. Mangel</u> <u>Repair</u> <u>DNIT</u> <u>Lubric</u> <u>oil</u> <u>switch</u> + <u>gear</u> <u>mark</u>. <u>Ch AD 8476-2</u> <u>INWEEK</u> <u>1217</u> <u>EX</u> <u>Ch AD 760712</u> <u>gear</u> <u>switch</u>, <u>Repair</u> <u>Tail</u> + <u>Bottom</u> <u>Cont</u>, <u>Swing</u> <u>Component</u> + <u>over</u>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Initial Contradiction CARD, Reset! Both Tow Trucks, Tolu Moore, Hancock. Replaces Fuel Filter & Test DUT again 10-2000, Clean Battery, Box Green. Repair Grounds Fuses to Tail, Repair Light Floor Gear Indicator, Replaces Vol Reg, Tiller, Bailey Pumps Grease AT ADF Dismantled, Titled Double, Reck. Gear Rod Boon at Finsler, Replaces Landing Light Bulbs, Remove Landing Gear Post Tubby, Clean Rust & Paint, Clean Rust off of Gear & Paint. Dependable & Prothol oil / Locomot / GWSB m20-264 Dismantled Control Link I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WO 5445 <i>[Signature]</i> DAVISAIR INC. FAA APPROVED REPAIR STATION B A Y R 3 6 5 C

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-99	TT 3020.6	1860.1 Complete Annual Insp. This Date 1860.1 Davis rechecked 1 Mooney & Carl Mann's work checked the 14-23 9/11/99 76-07-12 Safety Sec. on Run up Services Battery checked tires Services fuel System Insp. cleaned fuel & Gear operation & Anti Retraction checked Brakes & Air Press - Installed New Gear warning Horn Replaced Right Landing light cleaned & checked w/ appeared for return to service -
		I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WO 5663 Dan Pouch DAVISAIR INC. FAA APPROVED REPAIR STATION FAIR 365C

F.A.R. 43.11-91.409

TO: CHIEF
 FROM: PAUL W. B. TIS 06205 6/10/73

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
-11-01	3042.7	HOBBS 1822.2 Complete Annual Inspection using Mooney & Cessna Manuals, Inspection check list, AD's, Review MRO Records 2001-24, Services, Battery - charges a/c heater, Services Tires - Brakes Fuel Screen & Sumps, Services Landing Gear - Retracted & Test OK Normal, Inspected & Test ELT Transponder 911207, C/W AD 760712 Battery Switch Op OK NO DEFECT, Replace Tires in case fire, Inspect Ball Sockets on Left RH Side Control. GPH & RPH operation & propeller inspection. All normal I CERTIFY THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WFO <u>0231</u> RSG <u>Burrows R. H. H. H.</u>
-12-02		REMOVED INTERIOR, REFABRICATED & RE-INSTALLED USING ALL APPROVED MATERIALS - MATERIAL TESTING CERTIFICATIONS INCLUDED IN THE AIRCRAFT DOCUMENT RECORD FOLDER <u>Gregory R. H. H.</u> 184316207

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-2-03	HOBBS 1910.7 A/TI 3071.2	Completes Annual Inspection using Mooney + Cont. Mooney, Inspect Check List, ADNOTES REVIEWED SHRS Bi-weekly 2002-25, SERVICES BATTERY, SHRS. BRAKES, BRAKE THROTTLE, FUEL SCREEN, SERVICES LANDING GEAR. - Hydro Test all normal. Remove F&I Inspect Replaces Battery & Test TPLW TORQ 1207 Battery Due 12-04, the AD 2011 Ign switch ops OK Replaces Main Landing Gear Shock DISC. TPLW Manual. OPERATION & PREPARE TO all normal CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED TO ADHERE TO THE INSPECTION AND IS DEEMED TO BE IN AIRWORTHY CONDITION WO# 045 HS# 10135C [Signature]

INSPECTION RECORD

F.A.R. 43.11-91.409

ATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Henry Weber Aircraft Distributors, Inc.

Maintenance Release



N231ME

25-0166

May 7, 2003

Airframe Logbook

Hobbs: 1918.1

Complied with Mooney SB M20-279C and service instruction M20-52B by inspection of gear motor (s/n 629) drive hub shafts (one-time), and installation of a new no-back clutch spring (every 1000 hours). Also installed a new bronze clutch for the manual engagement system. Gear retraction and extension tests okay. Removed corrosion from terminals at master switch relay.

End Entry

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

Order No: 13343

Certified Repair Station No: DY1R103K

Inspector:

Larry J. Snyder

Larry J. Snyder

Date: May 7, 2003

500-B Airport Road, Lancaster Airport, Lititz, PA 17543

5-9-03 Hobbs: 1918.6 Replace wt. Pilot's PTT Switch.

LANCASTER AVIATICS INC. CRS # LN7R2WN

Seems good

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
3/17/04		C/W Annual insp IAW Mooney + Cont. Manuals and
HOBS	1946	insp. ✓ list, check tires, Brakes, lights, air filter
AFTT	3106.5	Swing gear, SVC AL Battery. Replace ELT Battery + test.
		✓ 41.207 ALT/STAT/XPMS Die 2/06. Clean fuel
		Remove + install CDT/TIT Gauge for engine
		78 Keyston (inst.) Replaced TIT Thermocouple
		(ALCOR) System ops ✓ good. C/W AD 76-07-12
		OPS ✓ good.
		Signature _____
		NAME _____
		AND IS DETERMINED _____
		BY _____
		BY 365C. P/M J
		IAW Mooney + Cont. Manuals
		Replaced NGV Tire 012-312-0 also
		cupe (2) P/N 08231 + P/N 08125
		res. check tires Brakes, ✓ good.
		C/W FAR 41.207 + CFR. Replace
		in TAIL NAV light →

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
27/04	CONT →	ELT Batt Due 2/06. Replace still wearing Horn P/N 56628P. Pitot heat ✓ good. Air filter ✓ good A/C Battery good. Inspect fuel screen. ALT/STATIC X-Power Due 2/06. Performs 46 Retract Test good. Repair loose oil door, upper cowls. C/w AD 76-07-12 cogn Switch. See AD sheet in A/C Records. I CERTIFY THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WO# <u>0713</u> AS# <u>BAY R 365C</u> <i>[Signature]</i>
7/05	TAF3129' 1868 ^c	COMPLETED ANNUAL INSPECTION OF THIS AIRFRAME THIS DATE AND FIND IT ACCEPTABLE FOR RETURN TO SERVICE - REMOVED ALL INSPECTION COVERS CLEANED & LUBED AS REQUIRED. CLEANED FUEL SCREEN. AIRED TIRES - CYCLED GEAR - SERVICED BRAKES - INSTALLED NEW BATTERY & ELT BATTERY/INERT DUE 12/2007 - TESTED ELT - CHECKED ALL AD'S - SEE SEPERATE LIST OF ALL AD'S & COMPLIANCE REQUIREMENTS <i>(1) Bruce Stan IA 184346207</i>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
01/11/06 HOBBS	3129.1 1968.6	REINSTALLED FUEL GAGE PANEL AFTER REPAIR BY KEYSTONE INSTRUMENTS, WORK ORDER 05-2146 CPS CHECK OK.
11/25/2006 HOBBS	3136.0 1975.5	J. R. Klein IA 184346207 COMPLETED ANNUAL INSPECTION THIS DATE AND FOUND ACCEPTABLE FOR RETURN TO SVC. LOADED AIRFRAMES & GEAR RETRACT TEST OK - SERVICED HYDRAULICS & BATTERY ALT OK. BATTERY DUE 2-2008 AIRED TIRES INSTALLED REBUILT TIT-CDT GAGE FROM KEYSTONE INST. A/C REG. # <u>Z311ME</u> DATE <u>11-25-2006</u> TOTAL A/C TIME <u>3136.0</u> HRS. TACH TIME <u>1975.5</u> I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL ANNUAL/MOHR INSPECTION AS PER <u>43</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>J. R. Klein</u> <u>IA 184346207</u> SIGNATURE CERTIFICATE NO./TYPE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11/07	H0225	1976. ⁶ Completed Annual inspection this date
T	3137. ¹	Replaced GLT Battery & tested GLT as required
		All ads in Compliance - see separate listing, washed
		Belly - Opened top of wing & tail - all ops checked ok
		for return to Service
		AC REG. # <u>231ME</u> DATE <u>10-1-2007</u> TOTAL A/C TIME _____ HRS. TACH TIME _____
		I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER <u>Part 43</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
		<u>Donna Klein</u> <u>IA 184346207</u> SIGNATURE CERTIFICATE NO./TYPE
11/08	1979. ³	TTAF 3140. ⁰ Completed Annual Inspections this date,
		tested GLT as required & OK, All Ads are in Compliance at this time, see
		separate listing, Opened all inspection areas cleaned & lubed as necessary. Serviced
		res, Carabiner, & Battery, Checked all Controls, lights & Accessories. Approved
		- return to service
		<u>Donna Klein</u> <u>IA 184346207</u>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
7.12.09		INSTALLED NEW CONCORD RG 35 AXE BATTER,	
LOT#	517549	& CHECKED SYSTEM FOR PROPER OPERATION	
BAR	40305924	Bram & Co. IA 184346207	
SHIP DATE	5-6-09		
10/24/2009	TAM/161805	1988.3 TTAF 3149.0 - Completed Annual Inspection.	
		this date, Removed all inspection items. Cleared & Labeled as required, in	
		Belly & Solvent, Tested ELT & Installed new Battery. Next Due 11/2011	
		Re-installed re-certified auto pilot Computer as received from Center-	
		Serviced Brakes & Landing Gear. Retract test OK, Aired tires, Check	
		all Aids - see separate listing - Run up OK & Aircraft approved for	
		Return to Service - Aut. Pilot Paperwork included in log papers	
		Bram & Co. IA 184346207	
10-18-2010	1988.5	Completed Annual Inspection this date, Serviced Brakes,	
		Aired Tires, Tested ELT, Battery Due 12/2011, Opened & Inspected engine	
		Cleared & Labeled airframe, Checked all lights & pitot heat, researched all	
		See separate listing, Aircraft retract test OK, Aircraft approved for return	
		to service.	
		Bram & Co. IA 184346207	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1/2011	1993.6	COMPLETED ANNUAL INSPECTION THIS DATE & FIND THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE, REMOVED INSPECTION COVERS, CLEANED & LUBED HINGES, PULLEYS & BEARINGS, SERVICED TIRES & HYDRAULICS, COMPLETED CGAR RETRACT, UPDATED AD'S, SEE SEPARATE LISTING, REPLACED ELT BATTERY & TESTED OK, CHECKED ALL LIGHTS & PILOT HEAT.
		JTCm IA 184346207
10/2012	1997.1	COMPLETED ANNUAL INSPECTION THIS DATE & FIND THIS AIRCRAFT ACCEPTABLE FOR RETURN TO SERVICE, REMOVED COVERS & INSPECTED AIRFRAME, RETRACT TEST OK, SERVICED TIRES & HYDRAULICS, UPDATED AD'S - SEE SEPARATE LISTING, TESTED ELT & OK BATT. DUE 1/2014
		JTCm IA 184346207
1/2013	2000.2	COMPLETED ANNUAL INSPECTION THIS DATE & FIND THIS AIRCRAFT ACCEPTABLE FOR RETURN TO SERVICE, INSPECTED ALL AIRFRAME ITEMS, SERVICED TIRES & HYDRAULICS, UPDATED AD LIST, TESTED ELT - BATTERY ON ORDER.
		JTCm IA 1858102

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11/7/2014	2001.8	COMPLETED ANNUAL INSPECTION THIS DATE & FIND THIS AIRCRAFT ACCEPTABLE FOR RETURN TO SERVICE, COMPILED CURRENT AD LISTING,
TTAF	3162.5	OPENED INSPECTION AREAS, SERVICED TIRES, B & Coin IA 1858102
7/12/16	3163.5	INSTALLED NEW MAIN GEAR TIRES - GOODYEAR FLIGHT SPECIAL B & Coin IA 1858102
TTAF	3162.5	INSTALLED NEW CONCORD RG35AXC BATTERY
9/2/16		B & Coin IA 1858102
10/19/15		COMPLETED ANNUAL INSPECTION THIS DATE & FIND
HOBBS	2004.5	THIS AIRCRAFT ACCEPTABLE FOR RETURN TO SERVICE
TTAF	3165.2	REMOVED COWLING, OPENED ALL INSPECTION AREAS,
THIS ENTRY WAS OMITTED IN ERROR		SERVICED HYDRAULICS, TESTED GLT, COMPILED CURRENT AD LISTING FOR AIRCRAFT RECORDS,
& CORRECTED BY THIS		B & Coin IA 1858102
ENTRY FROM MAINTENANCE RECORDS		
		B & Coin IA 1858102

INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	DATE	AIR
3/17/04		C/W Annual insp IAW Mooney + Cont. Manuals and	3/27/04	
HOBBS	1946	insp V list, check tires, Brakes, lights, air filter		
AFTI	3106.5	Swing gear, SVC AC Battery, Replace ELT Battery + test		
		IAW FAR 91.207 ALT/STATIC/XRND D/c 2/06, clean fuel		
		screen Remove + install CDT/TIT Gauge for Pyrois		
		(air up 0428 Keystone inst.) Replaced TIT Thermocouple		
		P/N 86310 (ALOR) system ops ✓ good, C/W AD 76-07-12		
		FGN SWITCH. OPS ✓ good.		
		I CERTIFY THIS <u>Airframe</u> HAS BEEN		
		INSPECTED IN ACCORDANCE WITH FAR 43.11-1		
		<u>Annual</u> INSPECTION AND IS DETERMINED		
		TO BE IN AIRWORTHY CONDITION.		
		WO# <u>0644</u> <u>SSW BAYR365C P.M. J.</u>	7/06/05	TJ
10/27/04		C/W Annual insp. IAW Mooney + Cont. Manuals	7/06/05	1
HOBBS	1966.5	and FAR 43D V list, Replaced N/G Tire 012-312-0 also		
AFTI	3122	replace Bearings (2) and cups (2) P/N CB231 + P/N 08125,		
		in Nose wheel, SVC all (3) tires, check Brakes, ✓ good.		
		Test ELT Batt and ops IAW FAR 91.207 + MFR, Replace		
		left wing Nav light, Repair TAIL NAV light →		