

AIRCRAFT RECORD - GENERAL INFORMATION

FACTURER MOONEY AIRCRAFT CORP. MODEL M20J SERIAL 24-0691

ISTRATION NUMBER ~~77777~~ DATE MFG. 1978

ENGINE(S) CURRENTLY INSTALLED, LYCOMING MODEL IO-360-A3B6D SERIAL L-19344-51A

MODEL SERIAL

ENGINE(S) CURRENTLY INSTALLED, MCCAULEY MODEL SERIAL

MODEL B2034C21K SERIAL 785475 SERIAL

DE MODEL 900HB-16E SERIAL B93546 SERIAL 893545 SERIAL

DE MODEL SERIAL SERIAL SERIAL

The Standard

 AIRCRAFT LOG

Log #1

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.)
19-28				
8-29			1.2	PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY. <i>John F. Selheim</i> 121351
8-29			F.A.A.	This aircraft has been flight tested in accordance with Mooney Aircraft Form QA 1062M and found satisfactory. <i>John F. Selheim</i> 121351 FOR F.A.A. Ft. Worth Reg.

DATE 19 <u>78</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that A T C Transponder Tests required by FAR 91.177 have been performed. Mooney Aircraft Corp. T C 2A3 By <u>[Signature]</u> 8-24-78
				I certify that the Altimeter and Static System tests required by FAR Parts 91.170 have been performed. The altimeter has been tested to 20,000 feet. Mooney Aircraft Corp. T C 2A3 6-25-78 By <u>[Signature]</u> 8-24-78
				I have inspected this aircraft and found it complies with the requirements of FAR 21.193. Certificate of Airworthiness dated 8-30-78 was issued by me. <u>[Signature]</u> D-1 B SW-3091

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Sept 15, 78				Tach reads 9.24 hrs Installed Kivo Avionics package. Rm Straps, etc. Aeronautical 8140022 Encoding Altitude 145 ft (Altitude Cal Displayed in back of this (mk) associated Cable Ventana, etc. Ref to FAA 337 Tach data for further details. Weight and Balance data revised. Equipment list updated.
NEW A/C EMPTY WEIGHT			1792.3 lbs	
NEW A/C O.G.			46.24 lbs	
NEW A/C UTILITY LOAD			947.7 lbs	
NEW A/C MOMENT			82882.9	
				1. This repair was performed and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. 2. The details of this repair are on file at this repair station. 3. Repair Order No. 1501 Date 9-15-78 Signed <u>Wm Blom</u> for Byerly Avionics, Inc. Greater Peoria Airport Peoria, Illinois CRS C12-55

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				Test flew Aircraft Sept 15, 1978, and found that Cray Cassette player caused <u>no</u> interference with NAVIGATION Systems <u>Signal</u> Pilot.
5/8/79				Tack time 63 RTR Turn Coordinator Kenny J. Gephart CRS 3146

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Oct. 18, 1979			66 hrs on tach	Installed new st. airbrake and nose wheel fork and shock strut. Repaired st. wing outboard section.
				THE AIRCRAFT AND/OR COMPONENT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT CIVIL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 36181
				DATE 10-19-79 SIGNED <i>Edward J. Pfeister</i> FOR
				GEORGE J. PFEISTER AVIATION SERVICE -----PALWAUKEE AIRPORT WHEELING, ILLINOIS FAA REPAIR STATION 4303

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-19-79				ANNUAL INSPECTION COMPLETED THIS DATE BATT SERVICED - BRAKES SERVICED - LEAK REMOVED TESTED. ALL ADS CHECKED THRU LIST 79-20 FOR COMPLIANCE I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 37008 DATE 10-19-79 SIGNED <u>William J. Kline</u> GEORGE J. PRIEST AVIATION SERVICE WHEELING, ILLINOIS FAA APPROVED REPAIR STATION NO. 4302

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.)
1-18-80				TACH Time 96 hrs TTAP 96 hrs - Installed Serviceable Dukes Elect Boost pump This date - 4140-00-19A - Tag attached in Rear of this Log.
				Signed <u>[Signature]</u> for KENOSHA AERO, INC. Repair Station Certificate No. C13-39 Municipal Airport Kenosha, Wisconsin
4 MAR 80				TACH 126. INSTALLED NEW OUTBOARD GEAR DOOR NIGHT GEAR CEG - CLEANANCE CHECKED OK Wing [Signature] APR 11 1980

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7/24/80				C/W AD 30-13-03 per installation oil filter install two new main tires 197HR AC 17 177 HR Signed <u>[Signature]</u> for Repair Station Certificate No. C13-39 Wenesh, Wisconsin

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				ALTITUDE S/N <u>772</u> TESTED TO <u>20K</u> FT. <u>2-31-80</u> BY: JOLIET AVIONICS, INC. THIS DATE <u>2-31-80</u> AS REQUIRED BY F. A. A. 01.170. JOLIET AVIONICS, INC. 200 S. 1ST ST. SUITE 100 JOLIET, IL 61731 Signature: <u>[Signature]</u>
				STEERING SYSTEM TESTED THIS DATE <u>2-31-80</u> IN ACCORDANCE WITH F.A.A. 01.170 AND PART 43, APPENDIX D JOLIET AVIONICS, INC. 200 S. 1ST ST. SUITE 100 JOLIET, IL 61731 Signature: <u>[Signature]</u>
				DATE <u>2-31-80</u> MODEL <u>KT-76</u> REG. NO. <u>4484</u> TRANSPONDER TESTED IN ACCORDANCE WITH PART 43, APPENDIX "D" FOR COMPLIANCE WITH FAR 01.177 THIS DATE JOLIET AVIONICS, INC. FAR REPAIR STATION JONES CLASS II Signature: <u>[Signature]</u> Alternate Inspector

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8/2/80				Reference King KNS-80 VOA/COG/CS/PAW RAMP Integrated Avionics System using a King KI-531A indicator as the master I/O Avionics System a King KNS-80 RAMP System FFR Certified and aircraft Recoded. See Form 337 this date. JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE <i>[Signature]</i> Alternate Inspector

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19- Date 2/2/81	Indicates 24 hrs on	1981		
I certify this powerplant, airframe has been				Greased all wheels
inspected according to a 100-hour annual				and checked all controls
inspection and was determined to be in air-				C/w AD 78-09-07 Impulse
worthy condition.				Coupling as per S B 599A OK
A.D. conformity checked through card				C/w AD 80-17-14 Bendix mag
No. 80-24 Service letters checked				by installing factory
for compliance through				rebuilt magnets
inspection check list & pertinent details of				P/N 10-382555-11 S/N 801338
repair on file at this agency under work				Serviceable tag attached this
order No. 2064				log. Installed Brackett air filter as
				perd STC-SA 716L Ser No 10
				(OVER)

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				(CONT)
				C/W AD80-11-04 Aeromonic Corp. Checked type and installation OK
				C/W AD80-17-03 Oil pressure fitting installation OK
				C/W AD79-21-08 Bendix inspector by checking and marking properly & Installed new CLT bracket, Set dbr March 82
				Signed <u>John Miller</u> for KENOSHA AERO, INC. Repair Station Certificate No. C13-39 Municipal Airport Kenosha, Wisconsin

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	2/12/80			Tach 293 Installed O/H starter this date P/W MZ 4224-M S/N 8546 Serviceable tag attached this log
				T.T. A/c 293 T.T. eng 293
				Signed: <u>John Miller</u> KENOSHA AERO, INC. Repair Station Certificate No. C13-39 Municipal Airport Kenosha, Wisconsin

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2/13/82			Inspected this A/C and found to be airworthy for Ferry Flight to Kenosha for maintenance. TODD REARDON HRS
			Signed <u>Todd Reardon</u> for KENOSHA AERO, INC. Repair Station Certificate No. C13-39 Municipal Airport Kenosha, Wisconsin

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				System tested according to tables listed in FAR 43
				Ann 43.1 verify that the altimeter and static
				system required by FAR Part 91.176 have been
				performed. The altimeter was tested to <u>20,000</u>
				feet on <u>2/19/82</u> Static system was tested on
				<u>2/19/82</u>
				Signature <u>James Miller</u>
				Certificate Number <u>CRSC 1339</u>

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Date <u>9/19/83</u> Indicates <u>441</u> hrs on <u>Task</u>				<u>Greased all wheels</u>
I certify this powerplant, airframe has been				<u>and lubed all controls</u>
inspected according to a <u>100</u> hour annual				<u>AD listing in the rec</u>
inspection and was determined to be in air				<u>of this log.</u>
worthy condition.				<u>I.T. A/C, engine and prop</u>
A.D. conformity checked through card				<u>E/C T operation and Bat</u>
No. <u>82-02</u> Service letters checked				<u>date OK 9/83</u>
for compliance through				
Inspection check list & pertinent details of				
repair on file at this agency under work				
Order No. <u>3161</u>				
				Signed <u>John Miller</u> for
				KENOSHA AERO, INC.
				Repair Station Certificate No. C13-39
				Kenosha, Wisconsin

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Date 3/7/83 indicates 575 hrs on Tach				Greased all wheels
I certify this powerplant, airframe has been				and lubed all controls
inspected according to 14 CFR part 43 annual				C/W AD 82-11-05 Bendix mag
ins. and was determined to be in air-				by replacing gear I/AW
worthy condition.				SB 617 OK
A. U. conformly checked through and				C/W AD 79-09-07 Bendix
No. 83-03 Service letters checked				Impulse OK
for compliance through				C/W 82-27-02 McCauley
Inspection check list & pertinent details of				Prop by C/W SB 146 OK
repair on file at this agency under work				- C/T operation and Batt
order No. 3825				date MC 7-83
T.T. A/C 575 408				4214 811 1111 1111 1111
T.T. engine 575 1111				
T.T. prop 12 1111				

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19__				
7 APR 1968	10:15	11-16 B		Replaced A/S with factory AS MARKED IN KNOTS. Reaired Static Drain.
10 20000				
Raymond				Raymond 2178001 E-5-363-
Station 011-V.				

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				03-23-94 TT 686.0 I HAVE INSP. THIS A/C IN ACCORD. W/AN ANNUAL INSP. & HAVE DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME. Alan C. Henne AIP 1910920 1A.

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				1A1Z JULY 14, 1984 TT 833
				REPLACED GEAR DOWN SWITCH,
				REPLACED 4 ROCKER BOX GASKETS,
				STOPPED OIL LEAKAGE AT OIL RETURN
				TUBES BY TIGHTENING CLAMPS ON
				RUBBER, AND REPLACED MISSING
				SCREWS. I INSPECTED AIRCRAFT,
				ALL SYSTEMS, AND RUNUP TO
				SATISFACTION AND FOUND TO BE
				AIRWORTHY IN ACCORDANCE WITH
				ONE HUNDRED HOUR INSPECTION.
				John [Signature] AP 338448280

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	OCT.	4, 1984	TT 718.5	
				- REPLACE VOLTAGE REGULATOR
				- GREASE LANDING GEAR & LUBRICATE CONTROL SYSMS.
				- SPLICE FOUR WIRES LEADING TO GLARE SHIELD AS PART OF ACCESS TO REMOVE & REPLACE THE VOLTAGE REGULATOR.
				- THIS AIRCRAFT HAS BEEN INSPECTED AND DETERMINED TO BE AIRWORTHY AT THIS TIME PER 100 HOUR INSPECTION
				John [Signature] AP 338448280

DT

DATE 1984	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)
10-04	968.5			I HAVE INSP. THIS A/C IN ACCORD. W/AN ANNUAL INSP. & I HAVE DETERMINED IT TO BE IN AIR WORTHY CONDITION AT THE TIME. A.D. COMPLIANCE CURRENT. R. C. King HP 19108201A
5-2-85	1076.56	TTA/F		Completed 100 hour inspection per approved checklist. Lubed all control surfaces, push pull rod ends, and engine control cables. Repaired both outboard cowl flap door hinges. Cleaned and greased landing gear, performed retraction test. Cont next page

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OK. Replaced 1/4 Nav light bulb. Ops checked ELT. OK Battery replacement due 5786 Reattached propeller 2041 wire, was .032. Reattached static line from altimeter to vertical speed indicator. Serviced and charged ships battery. Serviced tires to spec's. 1/4 AD 76-07-12 next due 1176.56. 1/4 AD 79-09-07 by SB 599A checked OK next due 1576.56 II. - End -				
DATE <u>5-2-85</u> T.T. IN SERVICE <u>1076.56</u>				
AD'S CHECKED THRU: <u>85-08</u> I CERTIFY THAT				
THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE				
WITH A <u>100HR</u> INSPECTION AND WAS DETERMINED				
TO BE IN AIRWORTHY CONDITION.				
SIGNED: <u>Chris Maloney</u>				
NUMBER: <u>AP 378565476</u>				

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5-23-85		1097.68 TTA/F		Replaced landing light bulb ops checked OK - End - Chris Maloney AP 348565476
8-31-85		1165.2 TTA/F		Completed 100 hour inspection per Mooney checklist this date. Replaced voltage regulator w/ new unit. Replaced Replaced alternator for repair Reinstalled and ops checked system to be ok. Repaired R.A. phone jack as necessary.
				CONT'D NEXT PAGE →

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DATE <u>8-31-85</u>				
AD'S CHECKED THRU: <u>85-17</u>				CERTIFY THAT
THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE				
WITH <u>3100 HR</u> INSPECTION AND WAS DETERMINED				
TO BE IN AIRWORTHY CONDITION				
SIGNED: <u>A. Ruklanant</u>				
NUMBER: <u>IA322529788</u>				
<u>9-11-85</u>	<u>1185.3</u>	<u>TTA/F</u>		
<u>Replaced alternator w/ rebuilt unit from Aero Electric.</u>				
<u>See attached yellow tag.</u>				
<u>A. Ruklanant</u>				
<u>IA322529788</u>				

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	10/29/85		1165	50 HR T-10P B. J. Shore 226821697 BUTLER AVIATION, INC. - O'HARE FIELD - CHGO. AD 85-23 APP. APPROVED MECHANIC STA. #3712 AIRCRAFT NO. 1-8-3-8000 AL 1-8-2 LIMITED AIRFRAME NO. 1-8-3-8000, 5-13, 6-21, THIS AIRFRAME MUST BE INSPECTED AND REPAIRS TO CERTIFY IT FOR SERVICE
	12/23/85		1266 ⁰⁸	IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN THOROUGHLY INSPECTED IN ACCORDANCE WITH A 100 HR FOUND TO BE IN SERVICE. BUTLER AVIATION, INC. B. J. Shore APP. REP. STA. #3712 23 Dec 85

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3/19/66	TACH	1283.6 HRS.		
-END-				
				THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.171 IAW FAR 43, APPENDIX "E" HAVE BEEN PER- FORMED:
				PARA (A) STATIC SYSTEM DATE 3/19/66
				PARA (B) ALTIMETER(S) DATE 3/19/66
				TESTED TO 20,000 FEET.
				MAKE ASKO MECHANISM 81468-20 S/N 7792
				MAKE S/N
				PARA (C) INTEGRATED SYSTEM DATE 3/19/66
				SIGNED [Signature]
				WAUKEGAN AVIONICS, INC. C03-46
				WAUKEGAN AIRPORT, WAUKEGAN, IL
				- END -

100

1800

20000

140

TIME

TODAYS
FLIGHTTOTAL
TIME IN
SERVICEDESCRIPTION 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)86 TACH. 1293.6 HRS.
CND.ATC TRANSPONDER TESTS AND INSPECTIONS AS RE-
QUIRED BY FAR 91.172 IAW FAR 43, APPENDIX "F",
HAVE BEEN PERFORMED.

MODEL KING KIT 76H S/N 4484

SIGNED *[Signature]* DATE 3/19/86

WAUKEGAN AVIONICS, INC. C03-45

WAUKEGAN AIRPORT, WAUKEGAN, IL

- CND -

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6/21/84	Tach	1479.77		Completed 100hr inspection per approved checklist. Lubed as needed. Changed right main tire. Changed Serviced compass. AD's thru 86-18.
				IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN THOROUGHLY INSPECTED IN ACCORDANCE WITH A 100 hr FOUND TO BE AIRWORTHY.
				BUTLER AVIATION, INC. <i>[Signature]</i>
				APP. REP. STA. #3712 <i>B</i>
				W.O. 107500

DATE 1987	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 11, 1987			Total Time 158783	Annual Inspection completed this lands to include given 11 inspections, while for inspection and lubrication of push-pull tubes, attach points and bellcranks Installed overhauled stroke pump supply Hoskins 701295-3A Serial # 3362 in right wing. Installed new tail nav light Installed new front right baffle Mooney part # 600370-001 Installed new disc's 530021 on right main gear and adjusted rigging on landing gear. Installed new left main tire Armstrong 6.00x6 ply and all new brake linings Installed new bracket for filter element part # B6205. C.W. AD 76-07-12 on Bendix Ignition switch by function testing and checked ok C.W. AD 78-09-07 ^{R3} on

cont.

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				Magado impulse inspection and checked out ok, checked APU's thru 87-09 and found in compliance. ELT Battery June 1988
				Verify that this aircraft has been inspected
				In accordance with 100 hr Annual inspection and
				was determined to be in airworthy condition.
				On 6-11-87, 100 hr. 1587 T.O. 1587
				Walt L. Ahl A & P 3741505 IA A. I.
				WILSON AVIATION, INC.
				WHEELER KANKAKEE AIRPORT
				MEMPHIS, TENNESSEE

[illegible]

[illegible]

TE	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.)
98				
98	7/11	16:52/	Completed 10 hr inspection from Memory Service Manual. Pulsed as needed, changed battery, Replaced starter Arm Assy. P/N 720095-001 Sealed tire. P.O.'s thru 88-07.	
				IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN THOROUGHLY INSPECTED IN ACCORDANCE WITH A. 100 HR FOUND TO BE AIRWORTHY. BUTLER AVIATION, INC. <u>[Signature]</u> APP. REP. STA. #3712 <u>[Signature]</u>

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)
7-14-88				TACH 1775.0 TOTAL TIME 1775.0
				CK AND LUB ALL CONTROL PUSH PULL TUBES, ROD ENDS AND
				HITCHES, CK TIRES AND BRAKES, LUBAD LANDING GEAR
				LOCK GEAR FREE LOAD. INSTALLED NEW AIR FILTER
				PN 6205 INSTALLED NEW ELT BATTERY PN BP 1020
				ELT BATTERY EXP JUL 90. INSTALLED NEW BEARING
				AND RACES IN NOSE WHEEL AND PACKED ALL BEARING
				CIRCUIT 76-07-12 ON IGN SWITCH BY TASTING. DUE
				REPAIR IN 100 HRS. DUE AT A+P 3344620284

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.)
		certify that this		aircraft has been inspected
		in accordance with		FAA regulations and
		was determined to be in		acceptable condition.
		Date <u>7-14-88</u>		<u>17350</u>
		<u>Rockford</u>		A.A.P. <u>334462628</u>
				A.L.
				RUBK AVIATION, INC.
				GREATER YERKANE AVIATION
				ROCKFORD, ILLINOIS

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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)
12-21-88			TACH 1875.98 HRS.	C.W. MOONEY S.B. M20-239 AND SI. M20/92 BY INSTALLING KIT SI. M20-63 AND KIT M20-239-1 IN BAGGAGE DOOR. INST. PLACARD IN DOOR AND INST. REVISION IN PILOTS OPERATING HANDBOOK. AD 88-25-11 COMPLIED WITH. REPLACED AIRCRAFT BATTERY G35 REPLACE N.C. TRUSS ASSY PN 940042501 + PN 150080035 PLACARD. REPLACE STARTER PN M24222R SN. 810025 O.H. BY ELECTRE SYSTEMS INC. CRS 3779. SEE NEXT PAGE

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 BULKY PAGES FOR OTHER SPECIFIC ENTRIES.)
	MAINTENANCE RELEASE			
				1-27-89 TACH + TOTAL TIME 1875.98
				THIS ENG. LYCOMING
				IO-360-A3B6D
				S.N. L19544-51A
				REMOVED FOR OVERHAUL.
				MAINTENANCE RELEASE
DATE	12-21-88		1875.98	
SIGNED	William C. Blanton			
BECKETT ENTERPRISES INC.		CRS-665-68		
355 Richmond Road	Cleveland, Ohio	44143		
				THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR
				APPLIANCE IDENTIFIED AS WAS REPAIRED AND INSPECTED
				IN ACCORDANCE WITH THE REGULATIONS OF THE FEDERAL
				AVIATION AUTHORITY AND IS APPROVED FOR RETURN TO SERVICE
				PERMANENT ULTIMATE OF THE REPAIR AS REQUIRED BY THE
				STATION UNDER ORDER NO. 796
DATE	1-27-89		1875.98	
SIGNED	William C. Blanton			
BECKETT ENTERPRISES INC.		CRS-665-68		
355 Richmond Road	Cleveland, Ohio	44143		

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)
3-10-89				TACH + TOTAL TIME 1875.99
				THIS FIVE. L.Y.C. SN. 619544-51A REINSTALLED
				IN THIS AIRCRAFT AFTER OVERHAUL. BY
				CLYDESDALE AIRCRAFT CORP. 100HR AND ANNUAL
				INSPECTION. PERFORMED PER MODNEY M20J IN SP.
				FORM. REPLACED CABIN DOOR SEAL. REPLACE
				BOTH FUEL CAP "O" RINGS. REPLACE RT MAIN
				TIRE. SWING COMPASS & FILL OUT CORRECTION
				CARD. REPLACE RV. B-3-5-1 VAC. FILTER. REPAIR
				RT. STROBE LENSE. REPLACED RT. N.G. DOOR ROD END
				REPLACE RT. N.G. DOOR HINGE HALF. REPLACE
				BOTH BRAKE DISCS. REPLACE RT. BRAKE

SEE NEXT PAGE

1 10 29.00 863

DATE 9__	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.)
				PADS. CLEAN BRAKE PINS.
				C.W. AD 76-7-12 IGNITION SWITCH TEST.
				AD'S CHECKED THROUGH 89-2 ALL
				MINOR ADJ. MADE.
				MAINTENANCE RELEASE
				THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERMANENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER IDENT. NO. 796
				DATE 3/10/89 TIME 1825.98
				SIGNED <i>William C. Beckett</i> CRS C65-68
				BECKETT ENTERPRISES, INC. 355 Richmond Road, Cleveland, Ohio 44143

DATE 19 57	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)
3/13/89				Replaced alternate static valve, and static system down valve.
				The altimeter/encoder and static system tests required by F.A.R. 91.171 have been performed and found to be satisfactory in accordance with FAR 43 APPENDIX "E" Altimeter certified by CRS #66 to 20,000 Ft. Refer to attached maintenance release. Altimeter encoding system certified by Beckett Enterprises, INC. CRS 65-68
				Signed: William C. Beckett
				DATE: 3-13-89 CERT. NO.: CRS-65-68

1 1 1 20 29.00 - 863

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.)
3/13/89				The transponder test required by 14 CFR 91.121 has been performed and found to meet the requirements of FAR 43 Appendix "F," Appendix "E" FAR 91.121 Applicable.
				TRIP MAKE: King MODEL: KT 76A
				SERIAL NO: 4484 TSO: C746
				Beckett Enterprises, Inc. CRS 65-68
				DATE: 3-13-89 SIGNATURE: <u>William C. Beckett</u> MAINTENANCE RELEASE
				THE AIRCRAFT, AIR NAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED:
				IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR FLIGHT.
				PERMANENT RECORD OF THE REPAIR AND MAINTENANCE STATION IDENTIFICATION NO. 796
				DATE 3-13-89 TIME 1825.98
				SIGNED <u>William C. Beckett</u>
				BECKETT ENTERPRISES INC. CRS 65-68
				355 Richmond Road Cleveland, Ohio 44143

216-261-1111

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DATE 1989	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
6-22	1886.9		1886.9	REMOVED ALL GEAR LEG ASSEMBLIES, STRIPPED PAINT, INSPECTED, NO DAMAGE FOUND, PAINTED ASSEMBLIES, REINSTALLED IN A/C WITH NEW SHOCK DISCS P/N 530021-000 (11EA). REMOVED NOSE GEAR SHOCK ABSORBER PER MOONEY DRAWING #940052 - 2.125 LBS @ -5". INSTALLED NEW OIL PRESS. SENDER P/N 3060-0001R. ✓ GEAR RIGGING AND PERFORMED GEAR RETRACTION TEST, OPERATIONAL ✓ D.I.E. Steve Veda Valt ATP 141640228 Synch-Mac Aviation, Inc.

29.00 | - 863

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
				Replaced Brakes & Hinges Removed Fuel Valve From Tail, Replaced Fuel Valve From Replaced Fuel Valve & Hyd. Hose.
				I certify that this aircraft has been inspected in accord- ance with a <u>Pre-flight</u> inspection and has been found <u>airworthy</u>
				Signature <u>[Signature]</u> Cert. No. <u>A-194304</u>
				Time in service <u>7093</u> Hrs. Date of Ins. <u>7 April 91</u>

100 | 100 | 10 | 50 | 29.00 | - 863

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.)
1951				
5 21			21 5 42	1. REPAIR & RE-UPHOLSTER SIDE PANELS. RE- UPHOLSTER WITH 1.5 SCOTCHDIE 100% WOOL GREY CLOTH, GRS 100% WOOL BLUE CLOTH & INTL FABRICS PATINA GREY VINYL. RE-UPHOLSTER SIDE PANEL TRIM AND ARM RESTS USING INTL. FABRICS GREY PATINA VINYL. REPAIR & RE-Paint HEAD LINER, SIDE PANEL AND WINDOW TRIM PANELS USING A.R. LIVOR. ALL PAINT & UPHOLSTERY MATERIALS PASS F.A.R. 25-353-B. WEIGHT & BALANCE IS UN-CHANGED. DRAINIS VOLEL. AP2153542 END

AIRCRAFT MODIFICATION & UPHOLSTERY
 A DIVISION OF PROGRESSIVE CONCEPTS INC.
 HANGAR No. 3 - LUNKEN AIRPORT
 CINCINNATI, OHIO 45226 - 513 321-5578

19-11 SERVICE

FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

JUL 1, 91

Altimeter(s), static system, and altitude
reporting equipment tests as required by
FAR 91.411 IAW FAR 43, Appendix E have
been performed

Static system test date 7-1-91

Altimeters:

LH S/N 2292 Date Jul 1, 91 Tested to 20,000

RH S/N Date Tested to

Air Data Computer:

S/N Date Tested to

000 RR

HAMILTON AIR RADIO FAA REPAIR STATION CK18063K

DATE

1991

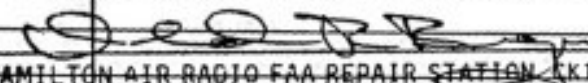
TOTAL

TIME IN

SERVICE

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

3-1-91 ATC Transponder tests and inspections as required by
FAR 91.413, IAW FAR 43, Appendix I to be performed.
Date 7-1-91 Model K776 A S/N
Date Model S/N


HAMILTON AIR RADIO FAA REPAIR STATION KIRO63K

C6E

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
		<i>Demanded Penetration & Breach Inspection</i>
		<i>Inspected & accepted by [Signature], Prince George's</i>
		<i>Cherokee [Signature]</i>
		I certify that this aircraft has been inspected in accord-
		ance with a <i>Adaptation</i> inspection and has been found <i>Adaptation</i>
		Signature.. <i>[Signature]</i> Cert. No. <i>PA 61947184</i>
		Time in service. <i>1092</i> Hrs. Date of Ins. <i>2 June 92</i>

[illegible]

76E

DATE 3/2/84 MODEL KT-76C/N 4486
TRANSPONDER TESTED IN ACCORDANCE WITH
PART 43.
APPENDIX "E" FOR COMPLIANCE WITH FAR 91.172
THIS DATE

JOLIET AVIONICS, INC.
FAA REPAIR STATION #3159 CLASS III

Signature *Ray Mall*

Alternate Inspector

AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED
AND INSPECTED AS REQUIRED BY FAR 91.171 IN ACCORDANCE
WITH FAR 43, APPENDIX "E" PARAGRAPH (c).

JOLIET AVIONICS, INC.
FAA REPAIR STATION #3159 CLASS III

SIGNATURE *Ray Mall*

N777LT

DATE

ALTIMETER (S)

19

PILOT'S Accurate C/PILOT'S af ALTIMETER
S/N 2292 S/N 1-9

TESTED TO 4000 FT.

AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E"
PARAGRAPH (b) DATED 2/8/84

JOLIET AVIONICS, INC.

FAA REPAIR STATION #3159 CLASS II

SIGNATURE [Signature]

STATIC SYSTEM TESTED THIS DATE 2/8/84 AS REQUIRED
BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E"
PARAGRAPH (d).

JOLIET AVIONICS, INC.

FAA REPAIR STATION #3159 CLASS III

SIGNATURE [Signature]

26E

US 86

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3-10-93	22:41.5	Complete final inspection for necessary marking chemical strips, aluminum - etch, Mopine, epoxy primer, JET GLO TOPCOATS AS FOLLOWS: Solid white, Colonial Blue, MED. GRAY. FLIGHT Controls were static balanced I/A/W MONEY SERVICE MANUAL, LUBED, INSTALLED, AND FUNCTION CHECKED OK. Installed new Stainless Steel CAMLOCKS on cowling from SKYBELT INC. ← END ————— Joseph C. Gurnea A293560518 →	

● 重要提示 ●

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[illegible]

**MAINTENANCE RECORD
F.A.R. 43.9**

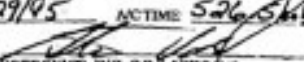
DATE OF COMPLETION	AIRCRAFT TIME IN	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Date: 7-14-93		TACH 3263 62 Total Time: 2263 62	
I certify that this <u>AIRCRAFT</u> has			
been inspected in accordance with a			
<u>ANNUAL</u> inspection, and was			
determined to be in an airworthy condition.			
Signed: <u>Kurt J. Seim</u> ATP 2926400471A			
Remove and Replace Main Gear Actuator Control Boots P/N 560070-1. Clean Aft Static Drain Valve. Clean Annunciator Panel Test Switch. 2/R Map Light Bulbs P/N 6E322. 2/R All Wheel Bearings P/N (2) 65125, (2) 09231, (4) 13836 (4) 13889. Inspect and Replace the following parts in the Aft Trim Control System: P/N (2) 930145/KP16A Bearings, (1) AN174-20A Bolt (1) 914017-000 Bushing. Ch AD76-07-10 Ign Switch next due 2263 62. All work performed in accordance with Manufacturers Service Manual. Operational Check of All Systems performed Satisfactory.			

Kurt J. Seim ATP 2926400471A

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WHERE PERFORMANCEED OR IN SERVICE
		Date: <u>7/26/94</u> Total Time: <u>5305.8</u>	
		I certify that this <u>AIRCRAFT</u> has been inspected in accordance with a <u>Annual</u> inspection, and was determined to be in an airworthy condition.	
		Signed: <u>Kristi Samuels</u> ATP2926400971A	
		RR ELT BATTERY P/N BS2173, NEXT DUE Aug 96. LN AD 76-07-12 IGNITION SWITCH NEXT DUE 2403.8. See Fuel Leak on LH wing outboard. Fuel Tank Panel leaks. Inspect TURN LIMIT placard on Nose Gear P/N 0150080-035. Remove Debris From Tail Section. Operational check of all systems performed satisfactory. Landing Gear Retraction and Emergency Extension Test performed 5 times satisfactory. END.	
		<u>Kristi Samuels</u> ATP2926400971A	

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10/22/94		Rebuilt LH+ RH Brake System with New 5606 Hyd Adjust Core Flap Door Spring Tension. END.	
		Karl A. Smith	ATC 2526400971H
I certify that the preponderant test and inspection required by FAR 91.413 has been performed and found to comply with FAR 43, Appendix F.			
UNIT: KT 76A	SN: 4484		
DATE: 8/29/95	ACTIME: 526.5616		
SIGNATURE: 			
AKROTRONICS, INC. C.R.S. NIDR031			
10-16-95	556.0 HOURS	Compliance with SERVILIA - MARIO BANDIX King 292 - ALSO REMOVED KING PITCH TRIM SERVO PIN 065-00029-0011 S/N 2947 & INSTALL PIN 065-00061- 0011. Ramp Test OK CRS NIDR031 AKROTRONICS	
		Karl A. Smith	

INSPECTION RECORD
F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
		Date: <u>7-13-95</u> Total Time: <u>2438.07</u>
		I certify that this <u>AIRCRAFT</u> has
		been inspected in accordance with a
		<u>Annual</u> inspection, and was
		determined to be in an airworthy condition.
		Signed: <u>K. S. [Signature]</u> / ARP 2424400471A
		R/R Vacuum Regulator Filter P/N B3-S-1. R/R Vacuum
		LINE TO ARTIFICIAL HORIZON. C/W FAR 91.204 ELT
		INSPECTION. NEXT DUE 7/96. C/W AD 76-07-12 Ignition
		Switch By Ops. Check. Next Due 2438.07. Landing Gear
		Retraction and Emergency Extension TEST PERFORMED Satisfactory.
		All Systems Operational Check Performance Satisfactory.
		END.
		<u>K. S. [Signature]</u> / ARP 2424400471A

INSPECTION RECORD

F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
10-23-95	Tach 2372.4	Installed overhauled tach from Mitchell Aircraft Products See serviceable tag. Dated 9-28-95 opps check O.K. Robert J. Schnitz CR# DUBR345D
11-9-95	Tach 2379.5	Inst. the TAS-100 Pre heater System S/N 24994 IAW Tanis Aircraft Services Instructions and Drawings No. 100A Robert J. Schnitz CR# DUBR345D
11-24-95	Tach 2381.5	Installed over-haul Alternator - Fw - Aero Electric see yellow tag. Test Air ok Edgar Arnold CR# DUBR345D
1-4-96	Tach 2390.0	Complied with AA 45-26-16 Alternate Air Door, CW by Inspection Edgar Arnold CR# DUBR345D
1-13-96	Tach 2390.0	Removed and replaced starter relay. Installed Mooney solenoid kit IAW Mooney Drawing No. 940020. Performed runup. All good. Robert J. Schnitz CR# DUBR345D

INSPECTION RECORD
F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
5-30-96	2449.7	Installed retrofit air door kit 95 per 5B M20-250 B Kit number M20-250 B-1. Complies with AD 95-26-16 Q P A A3P 504763216
8-2-96	2415.3	C/W Annual Insp I/AW FAR 43 AIP'D C/W AD 76-07-12 (8-30-77) by ops check of Ign. Switch ELT Removed & sent in for Maint.
I certify that this Aircraft		PERTINENT DETAILS ARE ON FILE AT THIS
has been inspected in accordance		AGENCY UNDER WORK ORDER NO. 2620
with a Annual inspection		DATE 8-2-1996
and was determined to be in air-		SIGNED <i>[Signature]</i>
worthy condition.		STAR, INC
		RR2, Box 396A, Spearfish SD 57783
		FAA APPROVED STATION
		#D118B345D


RTX
10014 S. Township Rd. - Canyon, OH 44703
(502) 248-3858 (502) 247-3881

LOG BOOK ENTRY
ELT BATTERY
REPLACEMENT DATE 8-29-96

F.A.R. 43.11-91.217

[illegible]

INSPECTION RECORD

F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
June 14, 1977	7	Principal M.E. D. 2570-8 Install Clip 340138-083 Forward edge of Rear Hat Rack Section & Install Stiffener rod of Slender, maintain where Hat Rack was damaged at Rivets. Install SI 20-45 Rear Stop Kit. Condy with SI 20-52 Install New Clutch Spring Assy per maintenance - New Clutch Spring Assy per SI 52 Due at 3476 hrs.
		THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION. ENDORSED 22/27 DATE 7/19/77 TO 97 SIGNED: <i>[Signature]</i> FOR WILLIAM AIR SERVICE INC. CNO 110010F

Aircraft Record General Information

Manufacturer Mooney Model M-20J
Serial 24-2008 0671 Registration Number N777LT
Date of Manufacture _____
Engine(s) currently installed:
Manufacturer Lycoming Model I0360 A3B6D Serial L19544-51A
Manufacturer _____ Model _____ Serial _____
Propeller(s) currently installed:
Manufacturer McCaulley Model B2D37C214-A
Hub Model _____ Serial _____ Serial 801919
Wing Model _____ Serial _____ Serial _____
Tail Model _____ Serial _____ Serial _____

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-2 97	2474			Tech Time Lubed Controls, Adjusted Propeller Control Cable, Recreated L/H Brake Cylinder Installed New 666-10500 Linings Installed New Pilot Adjustable Seat Back Rod Installed New Exhaust Tail Pipe Hanger Rubber Installed New Gill G25 12 Volt Battery S/N 9017 No 413, Installed Newly Overhauled Muffler 630045-503 S/N AWT 17784 Yellow Tag with Papers, Installed New Sky-Tec Starter 149-12LS S/N FAL-350070 IAW STC SE 00218 NY Sky Tec DWG 20130 Rev B, 337 and Weight & Balance Change Form with All Papers over →

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-2 97	2424	Tack Time	06-23-03	Engine Fuel Pump AC 412234 Model, AD 96-12-07 Bendix Impulse Coupling wrench, AD 76-07-12 Bendix IGN Switch ops ch, landing Gear was MultiPit serviced & detailed test at 7/15/97 by William Air Service work order in #2 log book,
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE 304729895 IA IN AIR WORTHY CONDITION.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-25 98	2528	Tuck Time		Install dorsal Fin Fins P/N 2010-350199-601 Fin and 6012-440063 Fin Skirt IAW STC SA4-143NM Lake Aero Styling Drawing Report #104, Weight & Bal Negligible with the removal of original dorsal Fin Installed Lake Aero styling wing tips P/Ns 2020- 210382-503 L/H & 2020-210382-504 R/H, 2020-210 386-001 L/H & 002 R/H Glass Fins, 2020-21038 001 & 002 wing tip Lamps, RRC 1422-02 Sealant KA491 Adhesive Kit, IAW STC SA4-143NM Drawing Report #107 Instruction, over →

DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Rep				

LOG BOOK ENTRY N777LT
5/19/98

1. Installed K1N89 GPS in the existing avionics stack at fs 11.0, Kx155 and K1208 at FS11.1 and KY197 at FS11.1.
1a. Removed WX7A Stormscope System, KY92 VHF Com Transceiver, KN17011 Nav/Com
2. The system was installed IAW MFG instruction Manual and AC43.13-1A Chapters 5,11,15 and AC43.13-2A Chapters 1,2,3 and AC20-138 appendix 1 paragraph 1 thru 1d and AC90-45A. This installation was completed as a VFR installation.
3. The installation is protected by The appropriate circuit breaker as recommended by manufacturer.
4. The GPS system does not interfere with other installed equipment.
5. Ground and Flight Checks were completed with satisfactory results.
6. GPS was placarded "GPS FOR VFR ONLY".
7. Faa Form 337 Filed, weight and balance, equipment list have been updated this date.

Business Aviation
3501 Aviation Ave.
Sioux Falls SD 57104
CRS DDNR 793K

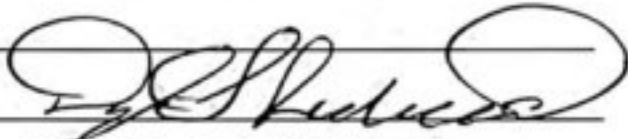
W. H. H. H.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
The Transponder (s) identified below have been inspected and meet all requirements contained in FAR 91.413 and FAR 43 Appendix F.				I Certify that the altimeter (s), alt. reporting and static system test required by FAR Part 91.411 have been performed. The altimeter (s) were tested to
No. 1	<u>KTW</u>	No. 2	<u>WJA</u>	No. 1 <u>20,000</u> feet on date <u>5/17/98</u>
Inspector	<u>WJA</u>	Date	<u>5/19/98</u>	No. 2 <u> </u> feet on date <u> </u>
Business Aviation				Inspector: <u>WJA</u> Date: <u>5/19/98</u>
Avionics Department				Business Aviation
Sioux Falls, SD				Avionics Department
Certified Repair Station No. DDNR 793K				Sioux Falls, SD
				Certified Repair Station No. DDNR 793K

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Rep Facility. (See back pages for other specific entries.)
12-17	2554	Tail Time		Total Time Lube & Flight Controls filled & checked out AD 76-07-12 Bealix Switch Exp op & 4 AD 77-26-08 Exp Fuel Cup Pack replaced None Installed, AD 88-21-86 HLG Side Panel DNA by S/N, AD 88-14-03 XT 76 Tail panel DNA by S/N, AD 88-18-12 Rotary Fuel Pump DNA Not Installed AD 88-23-01 Vacuum Pump Repro O/H
				<i>[Signature]</i> 504729695 TA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific outlines)
12-17	2554	Tack 9	Total Time	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. <i>[Signature]</i> 601729895 IA
18				

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-2 97	2474			Tech Time Lubed Controls, Adjusted Propeller Control Cable, Replaced L/H Brake Cylinder Installed New 666-10500 Linings Installed New Pilot Adjustable Seat Back Rod, Installed New Exhaust Tail Pipe Hanger Rubber, Installed New Gill G35 12 Volt Battery S/N G017 No 413, Installed Newly Overhauled Muffler 630045-503 S/N AWT 17784 Yellow Tag with Papers, Installed New Sky-Tec Starter 149-12LS S/N F2L-350070 IAW STC SE 00218 NY Sky Tec DWG 20130 Rev B, 337 and Weight & Balance Change Form with All Papers over →

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-2 97	2474	Tack Time	Ck'd AD 96-23-03 Engine Fuel Pump AC 412234 Model, AD 96-12-07 Bendix Impulse Coupling ware ck, AD 76-07-12 Bendix IGN Switch ops ck, Landing Gear was M. L. Bird serviced & Actuated Test At 7/18/97 by William Air Service work order in #2 log book,	
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.
				 304729895 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-25 98	2528	Tach Time		Installed Dorsal Fin Fairing P/N L 010-350189-601 Fin and L 012-440663 Fin Skirt IAW STC SA4443 NM Lake Aero Styling Drawing Report #104, Weight & Bal Negligible with the removal of original Dorsal Fin, Installed Lake Aero styling wing tips P/Ns L 020- 210382-503 L/H & L 020-210382-504 R/H, L 020-210 386-001 L/H & 002 R/H Glare Fence's, L 020-210384- 001 & 002 wing tip Lamp's, RRC 1422-B2 Sealant, KA491 Adhesive Kit, IAW STC SA4443 NM Drawing Report #107 Instruction, over →

[illegible]

DATE

RECORDING
TACHTODAY'S
FLIGHTTOTAL
TIME IN**Description of Inspections, Tests, Repairs and Alterations**

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

LOG BOOK ENTRY N777LT

5/19/98

1. Installed KLN89 GPS In the existing avionics stack at fs 11.0, Kx155 and KI208 at FS11.1 and KY197 at FS11.1.

1a. Removed WX7A Stormscope System, KY92 VHF Com Transceiver, KX170B Nav/Com.

2. The system was installed IAW MFG instruction Manual and AC43.13-1A Chapters 5,11,15 and AC43.13-2A Chapters 1,2,3 and AC20-138 appendix 1 paragraph 1a thru 1d and AC90-45A. This Installation was completed as a VFR installation.

3. The Installation is protected by The appropriate circuit breaker as recommended by manufacturer.

4. The GPS system does not interfere with other installed equipment.

5. Ground and Flight Checks were completed with satisfactory results.

6. GPS was placarded "GPS FOR VFR ONLY".

7. Faa Form 337 Filed, weight and balance, equipment list have been updated this date.

Business Aviation

3501 Aviation Ave.

Sioux Falls SD 57104

CRS DDNR 793K



ALTITUDE CORRECTION CARD

P/N	S/N
0772LT	
-1000	-990
-500	-490
0	10
500	510
1000	1010
1500	1500
2000	2000
3000	3015
4000	4015
6000	6010
8000	8020
10000	10020

DATE

TECH

5/18/98

[Signature]

Descript
Entries m
Facility. (S

TOTAL
TIME IN
SERVICE

TODAY'S
FLIGHT

RECORDING
TACH
TIME

DATE
19__

The Transponder (s) identified below have been inspected and meet all requirements contained in FAR 91.413 and FAR 43 Appendix F.

No. 1 K726 No. 2 N/A
Inspector *[Signature]* Date 5/19/98

Business Aviation
Avionics Department

Sioux Falls, SD

Certified Repair Station No. DDNR 793K

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-17 98	2554	Tack Time		Lube OIL & Flight Controls Pulled Rear Retraction $\frac{1}{2}$, C/O AD 76-07-12 Bendix Switch Insp op & h AD 97-26-08 Insp Fuel Cap Pack any and None Installed, AD 98-21-26 M.L.G. Side Bracket DNA By S/N, AD 98-14-03 KT 76 Tran ponder DNA By S/N, AD 98-18-12 Rotary Fuel Pump DNA Not Installed AD 98-23-01 Vacuum Pump Repco O/H & C
				<i>[Signature]</i> 50472989.5 TA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-17 98	2554	Tank & Total Time		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. <i>[Signature]</i> 504729895 IA
APR 6 1999	2579.2	C/W AD 80-17-03		BY Installing MOOREY Kit #20-221-001. Removed original oil FILTER & Installed new CH48103 Paul C. Beck AP477781355

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Piedmont Aviation Services

DATE: 4-28-99 MODEL: M20J S/N: 24-0691 TT: 857.4 HM: N# 777LT WO# 63487

RMVD ENCODING ALT. MODEL- 8140B-20 SN- 756 AND INSTALLED EXCHANGE ENCODING ALT. MODEL- 8140B-20 SN-2365. PERFORMED LEAK TEST IAW FAR 91.411 PER FAR 43 APPENDIX E. RMVD KI 525A PN- 066-3046-01 SN- 8278 INSTALLED EXCHANGE KI 525A PN- 066-3046-01 SN- 34621. CERTIFIED KING XPDR KT-76A PN- 066-1062-00 SN- 4484. FAR 91.413 COMPLIED.

APPROVED BY: *John R. Bush* INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. GREENSBORO, N.C. F.A.A. REPAIR STATION # PAI5208A

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-24-	2665.8			RETAINED SUS-3 STANDBY VACUUM SYSTEM PER STC SA2168NM AND INSTALLATION INSTRUCTIONS. REPIACED LEFT-REAR WINDOW + SIDE PANEL WITH NEW MOONEY PART. WEIGHT CHANGE NEGLIGIBLE. FUNCTIONAL CHECK OIL. RETURN TO SERVICE David B. Ammon 241868824 A+

DATE

RECORDING

TODAY'S

TOTAL

19

Reg #: N777LT

Model: M-20J

Serial #: M20J-24

Work Order: SSE3572

**ATLANTIC AERO**

Serving the World through Aviation

PO Box 35408 Greensboro, NC 27425

Tach/Hobbs: N/A

Total Time: 2710.5

Landings: N/A

Date: 3/10/00

In or Repair

1. Completed Annual Inspection in accordance with Mooney Service Manual Section 5-00-00.
2. Replaced nose wheel assembly P/N 40-87 in accordance with standard practice procedures.
3. Replaced power supply P/N 701295-3A S/N 9225 in accordance with standard practice procedures.
4. Replaced seal and reinstalled alternate air door. Adjusted preload in accordance with Mooney Maintenance Manual Section 5-20-06.
5. Performed ELT functional test in accordance with FAR 91-207D.
6. Replaced regulator filter P/N B3-5-1 in accordance with Mooney M20J Maintenance Manual 37-13-00.
7. Replaced central air filter P/N 1J7-1 in accordance with Mooney M-20J Maintenance Manual 37-1-00.
8. Complied with AD 98-25-10 Aircraft Belts, Inc., not applicable to equipment installed.
9. Complied with Ad 98-24-11 on aileron control links. Left P/N 730005-1 right P/N 730006-000 NDT, test performed by RS TIPR833K under W/O 144091 dated 2-10-2000. Installed in accordance with Mooney Service Manual section 27-10-00 pages 5 and 6.
10. Complied with AD95-26-16 on inspection of alternate air door sec. 2 pg 5. No defects noted.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair y. (See back pages for other specific entries.)
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Reg # N 777CT Date _____ WO # 3572

I certify this AIRCRAFT has been inspected in
accordance with (a) (an) Annual inspection and is
approved for return to service.

A D notes checked through Bi-Weekly 2000-01

Airframe Total Time 2710.5 Tacho —

Heater hourmeter — Aircraft HM —

Engine TSMOH (left) 834.6 (right) —

Signed Way Barker for _____

Atlantic Aero, Inc. FAA CRS EWGR752D

[illegible]

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2001				
4-1	2885.8		2885.8	SEE AD Compliance record, replaced main tires, retract tested, stripped, primed and painted Aileron push pull tubes, repaired slight fuel leak on RH Tank, Replaced ELT battery, date MAY 03, inspected per FAR 91.207.
				Date <u>4-1-01</u> Tach Time <u>2885.8</u> Total Time <u>2885.8</u>
				I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual</u> inspection, and was determined to be in airworthy condition. <u>Timothy M. Culbertson</u> 2468825-90

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 01/02/02

TACH: 2952.2 HM

AFTT: 2952.2₃

WORK PERFORMED:

JACKED AIRCRAFT PERFORMED GEAR RETRACT TEST / PERFORMED EMERGENCY EXTENSION TEST/ SYSTEM PERFORMED NORMALLY. REMOVED BAGGAGE DOOR AND STOP DRILLED CRACKS AROUND LATCH MECHANISM, SANDED AND PAINTED DOOR, REINSTALLED ON AIRCRAFT. -----END-----

SIGNED:

Darin B. Ammon

A&P NUM: 741868824

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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PIEDMONT
HAWTHORNE

DATE: 12/28/01 MODEL: M20J S/N: M20J24-0691 TT: 2948.2 HM: 2948.2 N# 779LT
WO#S001217

Removed and installed serviceable Nose Gear Truss Assy, P/N-540016-505. Removed and installed serviceable left and right nose gear door assy, LH-P/N -550032-003 RH-P/N-550032-005. Painted nose doors to color match of aircraft. Performed gear rigging as per Mooney Maintenance Manual.

The Item(s) identified under this work order were inspected and repaired in accordance with current FAA Regulations and approved for return to service. Pertinent details of this repair are on file at this agency. END XXXXXXXXXXXX

APPROVED BY: Roger Bullins INSPECTOR FOR
PIEDMONT HAWTHORNE AVIATION, GREENSBORO, N.C.
F.A.A. REPAIR STATION # PAI5208A

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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PIEDMONT
HAWTHORNE

DATE:3-5-02 MODEL:M20J S/N:24-0691 TT: HM: N# 777LT WO# S-1446

Replaced amp meter with new amp meter, replaced starter with new starter p/n-31A22104, run up and operations check was good.ENDXXXXXXXXXXXXXXXXXXXXXXXXXXXX

The Item(s) identified under this work order were inspected and repaired in accordance with current FAA Regulations and approved for return to service. Pertinent details of this repair are on file at this agency. END XXXXXXXXXXXXX

APPROVED BY: [Signature] INSPECTOR FOR
PIEDMONT HAWTHORNE AVIATION, GREENSBORO, N.C.
F.A.A. REPAIR STATION # PAI5208A

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
15 2002				
4-12	2991.8		2991.8	Replaced air filter, relined brakes, installed leading edge tape, replaced control tube part # 915026-009, ELT inspected per FAR 91.207 battery date 5/03 (see AD List)
				Date <u>4-12-02</u> Tach Time <u>2991.8</u> Total Time <u>2991.8</u>

4/8/2002

REMOVED KING KR85 ADF SYSTEM.
INSTALLED BF GOODRICH WX-900
STORMSCOPE SYSTEM.
SEE WEIGHT & BALANCE AND 337 DATED
4/8/2002 FOR FURTHER INFORMATION
CAROLINA AVIONICS, INC
FAA CRS# QCCR-389K

Harry J. Jones

I certify that this Aircraft has been inspected in accordance
with an ANNUAL inspection, and was determined to be in
airworthy condition. Timothy M. Culbert IA 246883594

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				PIEDMONT HAWTHORNE DATE:08/29/02 MODEL:M20J S/N:24-0691 HM:1466.0 N#777LT WO#\$001806 Installed new battery P/N G-35, S/N 602016956. Performed ground run and functional checks both were satisfactory. The Item(s) identified under this work order were inspected and repaired in accordance with current FAA Regulations and approved for return to service. Pertinent details of this repair are on file at this agency. END XXXXX APPROVED BY: <u><i>[Signature]</i></u> INSPECTOR FOR PIEDMONT HAWTHORNE AVIATION, GREENSBORO, N.C. F.A.A. REPAIR STATION # PAI5208A

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE:10-04-02 MODEL:M20J S/N: 24-0691 TT: 3043.1 HM: N 777LT WO# A000770 Installed new electric trim switch, p.n. KPN 200-1902-01. Installed per installation bulletin no. 182. Ground checked good. The Item(s) identified under this work order were inspected and or repaired in accordance with current F.A.A. Regulations and approved for return to service. Pertinent details of this repair are on file at this agency. END XXXXXXXXXXXXX APPROVED BY: <u><i>John R Bush</i></u> INSPECTOR FOR PIEDMONT HAWTHORNE AVIATION, GREENSBORO, N.C. F.A.A. REPAIR STATION # PAI5208A				

DATE RECORDING TODAY'S TOTAL Description of Inspections, Tests, Repairs and Alterations

19__



PIEDMONT
HAWTHORNE

DATE:08/30/01 MODEL:20J S/N 24-0691 TT:1466.4 HM: N# 777LT WO# A000737

Removed KLN-94 PN 069-01034-0101 SN 4073, connected to bench test panel, installed software 01/05 in accordance with Honeywell Software Bulletin KLN 94-SW2, PN605-103300-0021 Rev 1 Dated June 01, KLN-94 PN 069-01034-0101 SN 4073. Reinstalled in customer's aircraft, ramp checked IAW KLN94 Installation Manual. No Discrepancies noted.

Performed preliminary inspection. The Item(s) identified under this work order were inspected and repaired in accordance with current FAA Regulations and approved for return to service. Pertinent details of this repair are on file at this agency. END

XX

APPROVED BY:

INSPECTOR FOR

PIEDMONT HAWTHORNE AVIATION, GREENSBORO, N.C.

F.A.A. REPAIR STATION # PAI5208A

DATE

19

Repair

N-777LT

DATE: 05/22/03

TACH: 3114.5

ACTT: 3114.5

Removed aileron links for inspection per AD-98-24-11 see tags. Re-rig landing gear per Mooney maintenance manual. Removed nose gear doors P/N -550032-003LH, P/N-550032-005RH. Replaced doors with new doors P/N550099-001LH, P/N 550099-002 RH. Replaced nose gear door control links with part number 550025-013. Replaced landing gear down lock switch with P/N P6-24014. Replaced vacuum pump with OH. unit part number 211CC. Replaced gas cap O-Rings. Replaced 3 P/N 1816 in glareshield floodlights. Replaced gascolator o-ring. Replaced right nose wheel bearing. Replaced ELT battery. Repaired aural on stall warning system.

SIGNED: *Roger Miller*A&P *234455158*

DATE 9 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
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N-777LT

DATE: 05/22/03

TACH: 3114.5

ACTT: 3114.5

I certify that this Airframe has been inspected I.A.W annual inspection procedures and was determined to be in airworthy condition. Ok for return to service.

SIGNED:



LIC. #

245967737

I/A

Description of Inspections, Tests, Repairs and Alterations

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

DATE

19 ____

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICE

DATE: 10-7-03

N777LT

TACH: 3150.9

HM:

ACTT:

Work performed: Replaced vacuum pump with new overhauled unit P/N 211CC, S/N 7655 . All work performed in accordance with Mooney service manual. Ops check good.

SIGNED:

Roger D. Miller

A&P NUM:

239455188

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	5-5-2004			Removed KC295 APP computer & K5272 Trim Servo For Repair - Charles Campbell Carolina Avionics Group LLC QCCR389K
	5-27-04			Reinstalled Repaired KC295 APP computer & K5272 Trim Servo. Ramp Test Charles Campbell Carolina Avionics Group LLC R/S# QCCR-389K

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N777Lt

DATE: 6/3/04

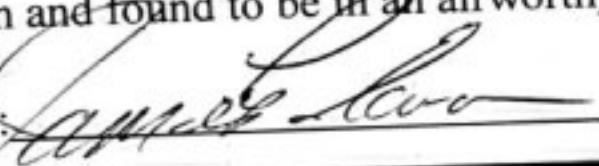
TACH: 3229.9

MODEL: Mooney M20J

WORK PERFORMED: Performed annual inspection IAW Mooney Service Manual and FAR 43 appendix D. Complied with all current and/or recurring AD's. Performed functional check of ELT IAW FAR 91.207. Lubricated all flight and engine controls. Installed new battery. Replaced gear warning horn switch. Replaced nose wheel bearings and races. replaced fuel filler cap 'O' rings. Replaced cowl flap hinges and bushings. Applied Corrosion X treatment in wings and fuselege. All maint. performed IAW Mooney Service Manual and AC 43.13-1B/2A. Performed ground run, leak/ops check, no defects noted at this time.

I certify that this **AIRFRAME** has been inspected IAW with an **ANNUAL** inspection and found to be in an airworthy condition and is ok for return to service.

SIGNED:



LIC.#

2812840 E/A

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N 777LT

Model: Mooney M20

DATE: 8/6/04

TACH: 3253.3

WORK PERFORMED: Changed oil and filter. Tightened ram air cable. Re-installed pilots shoulder harness. Serviced tires. Repaired chaffe tape on prop. All maint. performed IAW AC 43.13-1B/2A and Mooney Service Manual. Ok for return to service.

SIGNED:



LIC. #2812840 A&P

Description of Inspections, Tests, Repairs and Alterations

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

DATE
2005
10

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

7-8-05

Altimeter/encoder is
Aero Mech type 8140B-20

DATE 7-8-05

I certify this transponder make King

Model KT-76A S/N 4484 has been

Tested and Inspected and Found to comply with
the requirements of F.A.R. 91.411

Signed: Barratt Meyer for
Ceasey Aviation Services, Inc.
6120 Siskinwood Road
Liberty, NC 27256
CRS EWR 7500

* AD 98-14-03 DNA

due to SN.

I certify the altimeter and static system tests
required by F.A.R. Part 91.411 have been performed.

Static system test date 7-8-05

Altimeter S/N 2365 tested to 20K ft.

on 7-8-05 (date)

Winds reporting system tested to 20K

on 7-8-05 (date)

Signed: Barratt Meyer for
Ceasey Aviation Services, Inc.
6120 Siskinwood Road
Liberty, NC 27256
CRS EWR 7500

Work Order # A9805

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
06/05	3315.2		3315.2	C/W ANNUAL INSPECTION REQUIREMENTS AND MADE THE FOLLOWING REPAIRS. C/W AD 95-26-16 ^{RI} BY INSPECTION, C/W AD 98-24-11 BY LASAR MOD OF LINKS SN# 062905-7645/7646. REINSTALLED AND CHECKED RIGGING. C/W AD 90-04-06 ^{RI} BY INSPECTION. C/W AD 2002-12-07 BY INSPECTION. C/W AD 2002-26-01 BY INSPECTION. C/W AD 82-27-02 RI - PROP OVER- HAULED. C/W AD 2005-11-05 C-CHECKED FLAPPER VALVE + TEST FLIGHT. C/W AD 76-07-12-08s CHECKED. PARTIAL COMPLIANCE WITH SB# M20-208 BY CHECKING LOWER STRUCTURE AND CLEANING AND PAINTING AS NEEDED LOWER LONGERONS TREATED WITH LPS #1 INTERIOR CONT. →

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JUL 05	3315.2		3315.2	REPAIR WIRING TO LANDING GEAR FLOOR INDICATOR. REPLACED FUEL CAP SEALS. REPLACED FUEL XMITTER GASKETS RT. WING. REPLACED FLIGHT PANEL SHOCK MOUNTS. REPLACED RT. MAIN TIRE WITH NEW SEAL WING ROOT FAIRINGS. REPLACED VAC. FILTERS REPLACED NOSE GEAR DOOR MOUNTING HARDWARE. REPLACED TRIM LINK BOLT + SAFETY TO SPEC. SHIM STEERING HORN. CW SBN 20-106 DETAILS ON FILE WO # 9797.
				Charles. Causey A# P1494396 CAUSEY AVIATION SERVICE.

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 2005				
				DATE <u>15 JULY 05</u> W/D TO <u>9797</u>
				I CERTIFY THAT THIS (AIRCRAFT) ENGINE HAS BEEN
				INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u>
				INSPECTION AND APPROVED FOR RETURN TO SERVICE.
				INSP. <u>Chuck P. Lanning</u> <u>TA1894596</u>
				AIRFRAME TOTAL TIME <u>3315.2</u>
				ENGINE SMOH (LEFT) _____ (RIGHT) _____
				STATIC CHECK & ALT. DUE: <u>7-07</u>
				TRANSPONDER TEST DUE: <u>7-07</u>
				BAT BATTERY REPLACEMENT DATE <u>7-07</u>
				OIL TYPE <u>Shell 15W50</u>
7-21-05				Aeramech B140B-20 encoding altimeter SN 2365 removed and shipped for outside inspection/repair. Put unit back in aircraft and checked static system after closure - OK. Bound Blanger for CRS ECWR 7500

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
49 005				
6 Oct	3340.1			REMOVED ATTITUDE GYRO FOR OVERHAUL BY DUNCAN AVIATION AND REINSTALLED AFTER OVERHAUL (KT 256 SN 15772). REPAIRED BROKEN WIRE FOR BULB AT GEAR POSITION FLOOR INDICATOR. REPAIRED COMPASS MOUNT. INSTALLED NEW FUEL PRESSURE TRANSDUCER, P/N CA880007-501, SN 655. CHECKED WIRING AT TRANSDUCER AND AT INDICATOR. FLIGHT CHECK OF ALL OF THE ABOVE WAS GOOD. Charles T. Caussey for WO 9980 Caussey Aviation Services, Inc 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 7500

7365

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>2</u> 2006				N777LT Tach 3367.4 1/11/2006 Repaired gear down indicator in floor and tested, OPS normal. Replaced compass lamp and repositioned compass in holder.  J. Glenn RS# EWCR 750D WO # 10080
3-9-06	3371.4			Installed Castleberry 2060-14 electric Standby Attitude Indicator SN 205K03527 w/fuse & on-off switch. Updated wt. + bal. INO #10147. Born Attorney for EWCR 750D

DATE 19 2006	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14 July	3406.8		3406.8	CW FAR 91.207 (d) 1-4 by inspecting and ops check of ELT, battery due July 07. CW AD 76-07-12 (30 AUG 77) ignition switch ground check - good. AD 2005-14-11 (17 AUG 05) N/A. prop not serviced by Southern California Propeller Service. CW Mooney SB M20- 289A (01 AUG 05) by inspecting and installing kit M20-289-000. CW Mooney SI M20-106 (10 July 01) checking flight control joints after aileron maintenance performed. Replaced fuel cap "O" rings. CW Bendix/King SI 343 trim control lube and inspection. Propeller governor OVH by US Propeller and accessories Wot# 025180G 13/July/06, checked and adjusted RPM. Replaced LW strobe power supply iaw Mooney drawing 940148 (08 DEC 99) and wheel Installation Guide for model A490TCF PH 01-0770006-08. Replaced the cabin door arm and seal. CW Mooney SB M20-185 (24 APR 72)

Description of Inspections, Tests, Repairs and Alterations

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

Continued from previous page

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
19 <u>2006</u>			
<u>14 July</u>	<u>3406.8</u>		<u>3406.8</u>
DATE <u>14 July 06</u>			<u>10318</u>
I CERTIFY THAT THIS AIRCRAFT WAS <u>HAS BEEN</u>			
INSPECTED IN ACCORDANCE WITH FAA (AM) <u>annual</u>			
INSPECTION AND APPROVED FOR RETURN TO SERVICE.			
INST. <u>Donald W. Bates</u>			
PICTURE TIME <u>3406.8</u>			
ENGINE SHOW (LEFT) <u>1530.9</u> (RIGHT) <u>1530.9</u>			
STATIC CHECK & ALT. DUEL <u>7-07</u>			
WAS-ON-DECK TEST DUEL <u>7-07</u>			
BATTERY REPLACEMENT DATE <u>7-07</u>			
A/C TYPE <u>Aerochill 15W50</u>			

check on trim control tubes and put on chafe protection @ station 130 zone 3. Replaced left flap aft rod end on push-rod. Replaced the left wing bell crank with a servicable unit. Repaired crack in rudder torque on steering arm. Installed Nu light to airspeed indicator and connected the stby artificial horizon and OAT/EGT gas lighting to circuitry, and replaced fuse. Test run good.

Crusey Aviation Services, Inc.
6120 Sutherland Road
Liberty, NC 27298
CRSFWCR750D

DATE 19____ 2006	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14 July	3406.8		3406.8	Disassembled vacuum lines and put a filter on pump for function test per SVS III Installation Instruction P#50050 Section 3. for AD 99-24-10 (15 Nov 99). Donald W. Peters for CRS EWCR7501
14 July	3407.7		3407.7	CW AD 99-24-10 (1-14-00) Paragraph (b)(1) and (c), REF Precise Flight ICA section 3.3 of installation report 50050. Paragraph (b)(1-2) and (c) due July 07 or annual. Aircraft assembled to original configur- ation and returned to service. Donald W. Peters for CRS EWCR7501

2365

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		N777LT	SN 24-0691	5/23/07
		Removed KG102A pn 060-0015-00 sn 33660 mounting rack and shock mounts. Installed KG102A pn 060-0015-00 sn 34208 and mounting rack and shocks. Performed ground functional test yielding satisfactory results. Performed test flight yielding satisfactory results.		
		 Jodie C Hall Jr Causey Aviation Service 6120 Smithwood Road Liberty, NC 27298		

DATE 2007 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				SN8142
6-1	3475.9			Removed KA-51A Slaving Accessory, repaired, & put back in aircraft. Test-flight satisfactory. WO #A10803. Bavitt Hoyer for EWCR 750D
I certify the altimeter and static system tests required by F.A.R. Part 91.411 have been performed				
AERO MECH A1408-20 Static system test date <u>13 AUG 2007</u> Altimeter S/N <u>2365</u> tested to <u>20,000</u> ft on <u>9 AUG 2007</u> (date) Altitude reporting system tested to <u>20,000</u> ft on <u>9 AUG 2007</u> (date) Signed: <u>Charles Causay</u> for Causay Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 RS EWCR 750D (DATE) <u>13 AUG 2007</u> I certify this transponder makes <u>KING</u> Model <u>KT 76 A</u> S/N <u>4484</u> has been Tested and Inspected and Found to comply with the requirements of F.A.R. 91.413 Signed: <u>Charles Causay</u> for Causay Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS ECWR 750D				

Work Order # A10900

2365

DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
19 2007		
14 AUG	3494.3	TACH AND TT-3494.3 TREATED AIRCRAFT WITH "CORROSION X," INSTALLED NEW GILL G35 BATTERY. INSTALLED NEW ELT BATTERY WITH AVG. 2009 EXP. DATE AND INSPECTED AND TESTED ELT PER FAR 91.207(d)1-4. INSPECTED PRECISE FLIGHT SYSTEM III STD BY VAC. SYSTEM PER AD99-24-10 PAR (b) AND (c) AND PERFORMED FLIGHT TESTS. NEXT DUE NEXT ANNUAL. CHECKED MAG SWITCH "OFF" FUNCTION PER AD 76-07-12 R1. NEXT DUE TT 3594. INSTALLED NEW NOSE TIRE, 5:00X5 BRL, P/N 072- 312-0. INSTALLED NEW RH MAIN TIRE, 6:00X6 BRL, P/N 072-314-0. REPLACED ALL SHOCK DISCS ON BOTH MAIN GEAR. REPLACED ALL FUEL CAP "O" RINGS WITH NEW AND ADJUSTED LH CAP. PURGED STATIC SYSTEM. REPLACED LH BRAKE LININGS. INSTALLED NEW LANDING GEAR WARNING HORN. INSTALLED NEW →

DATE 10 2007	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
14 AUG.	3494.3	INDUCTION AIR FILTER. INSTALLED REBUILT EXHAUST TAIL PIPE. <i>Charles H. Cauley</i> A&P 1894396
		DATE <u>14 AUG 2007</u> W/O # <u>10880</u>
		I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN
		INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u>
		INSPECTION AND APPROVED FOR RETURN TO SERVICE.
		INSP. <i>Charles H. Cauley</i> 1894396IA
		AIRFRAME TOTAL TIME <u>3494.3</u>
		ENGINE SMON (LEFT) <u>1618.4</u> (RIGHT) <u> </u>
		STATIC CHECK & ALT. DUE: <u>AUG 09</u>
		TRANSPONDER TEST DUE: <u>AUG 09</u>
		ALT BATTERY REPLACEMENT DATE <u>AUG 09</u>
		OIL TYPE <u>SAE 15W50</u>

DATE 19__	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
2008	Tech		
2 SEP	19414	3591.3	Replaced left fuel quantity gauge due to intermittent operation. Installed new Induction Air Filter \$TC \$A01669CH Challenges Aviation Products & Installed
3/10	W Back Springs due		Ground wire to OAT Probe Plate. Reattached Cover &
9/09	CAI, Ind Air Filter		Right arm rest to Right Side panel. Replaced
AD99-2410 b1+2+C Due			windshield PN W/T-2161 from Great Lakes Aero Prod.
9/09			Painted skin area around windshield. Replaced
AD76-07-12 Switch 9/09			exhaust muffler from ALI (PN G300045-503-R).
			CW 91-207(2) 1-4 on EIT & found satisfactory.
			CW AD99-24-10 (b) 1+C and CAI propt from precise flight
			CW AD76-07-12 sps. checked ignition switch OK
			Replaced fuel cap "O" rings. Cont ➔

DATE 2008	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
	TACH	TT	
4/2/08	194.4	3591.3	Replaced Right fuel Cap "O" Rings & Left fuel Cap. also Replaced Right fuel drain Valve CW \$B208B Part B. fuselage Tubing inspection. Replaced Brake hose at both gear + at Brake Cylinder and bleed brake line. Installed Stall Retrofit kit PN 940065-505 Test Flight checked OK. Replaced right stroke sub. Adj. Tension on Alt. Air Door. Repaired overhead Plastic Panels as needed and reinstalled. wo #11358
			Charles Cunniff

Causey Aviation Services, Inc.
 6120 Smithwood Road
 Liberty, NC 27298
 CRS EWCR 750D

DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
19 2008					
31 DEC					
TACH -	3613.7	INSTALLED NEW EGT PROBE, PN 880005-505, REMOVED CHT FACTORY GAUGE, LUBED, REINSTALLED AND CHECKED OPERATION TO BE NORMAL.			
		Charles E. Gentry for:			
		Causey Aviation Serv. Inc. EVER 250-D			

Logbook entry for N777LT:

Date: 3-20-2009 Tach: 3646 hr.

Removed King KI-525A HSI PN 066-03046-01 SN 15380 for OH,
and put unit back in aircraft following OHC. Flight-test OK.

WO# A116010

By

David Hoyer for

Causey Aviation Services

6120 Smithwood Road

Liberty, NC 27298

Duplicate Entry - See new Logbook RCM

DATE	TOTAL	Equipment Addition, Removal or Exchange
10/7/2009	N777LT	SN24-0697 M20J Tach 3685.2

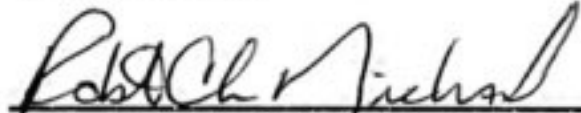
Replaced right-hand brake pads, removed gascolator, cleaned and replaced "O" rings. Replaced landing light, cleaned battery box and painted. Replaced Emergency Locator Transmitter battery-- **Next due November 2011**. Complied with FAR 91.207 (d) 1-4 ELT inspection. De-fueled and calibrated low fuel indicators per Mooney Maintenance Manual. Complied with AD99-24-10 - 12 and 24 month inspection per CAI B-1, 2 ; C-1,2 **Next due 10/2010**. Replaced all engine mount isolators with new lord J9613-40. Replaced left hand aileron control rod PN 730048-503. Cleaned and dressed propeller. Complied with AD 76-07-12-ignition switch - **Next due 10/2010**. Cleaned induction air filter per Champion instructions. Details on file Causey Aviation WO#11870

Robert C. Michael

Robert Chris Michael
Causey Aviation Service CRS EWCR750D
6120 Smithwood Road
Liberty NC 27298

☐ Removal or Required-Exchanged for Optional

DATE 19__	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
		Duplicate Entry See new Logbook for DATE <u>10-7-2009</u> <u>11870</u>				☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
		I CERTIFY THAT THIS (AIRCRAFT) (AIRCRAFT) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>Annual</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE				☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
		INSP. <u>Edo Ch Michael FA3297663</u> AIRFRAME TOTAL TIME <u>3685.2</u>				☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
		ENGINE SMON (LEFT) <u>1809.3</u> (RIGHT) _____				☐ Addition of Optional Equipment ☐ Removal of Optional Equipment
		STATIC CHECK & ALT. DUE: <u>10-2011</u>				☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
		TRANSPONDER TEST DUE: <u>10-2011</u>				
		ELT BATTERY REPLACEMENT DATE <u>11-2011</u>				☐ Addition of Optional Equipment ☐ Removal of Optional Equipment
		OIL TYPE <u>Penoxhall 15W50</u>				☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional

YEAR 20 09 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information		
		Empty Weight		
			Logbook entry for N777LT: Date 7/10/09 Tach 3665.0 hrs.	
			Removed Bendix-King KC-295 Autopilot computer SN2329 for repairs. Plugged static hose from KC-295 & tested system for leakage --OK. Placarded "Autopilot inoperative" and computed Temporary Weight & Balance	
			 Barrett W. Hayes Causey Aviation Service CRS EWCR750D	
			7/24/09	N777LT Tach 3670.6
			Install Bendix-King KC-295 Autopilot computer SN2329 after repair by Duncan Aviation. See Duncan WO U83HA. Leak checked static system. Removed autopilot "Inoperative" placard. Removed Temporary Weight & Balance Revision. Aircraft flight tested by owner. WO#A11774	
			 Robert Chris Michael Causey Aviation Service EWCR 750D	

YEAR 2009 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
10-2-09	Tach 3685.2				
					I certify the altimeter and static system tests required by F.A.R. Part 91.411 have been performed.
					Static system test date <u>10-2-09</u>
					Altimeter S/N <u>2365</u> tested to <u>20K</u> ft.
					on <u>10-1-09</u> (date)
					Altitude reporting system tested to <u>20K</u>
					on <u>10-1-09</u> (date)
					Signed: <u>Brian Hoyer</u> for
					Causey Aviation Services, Inc. 8120 Smithwood Road Liberty, NC 27298 JRS EWCR 750D
					Work Order # <u>A11875</u>
					(DATE) <u>10-2-09</u>
					I certify this transponder make <u>Bendix-King</u>
					Model <u>KT-76A</u> S/N <u>4484</u> has been
					Tested and Inspected and Found to comply with
					the requirements of F.A.R. 91.413
					Signed: <u>Brian Hoyer</u> for
					Causey Aviation Services, Inc. 8120 Smithwood Road Liberty, NC 27298 JRS ECWR 750D

YI
2I
DI

10/7/2009

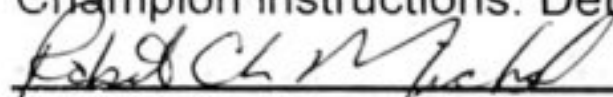
N777LT

SN24-0697

M20J

Tach 3685.2

Replaced right-hand brake pads, removed gascolator, cleaned and replaced "O" rings. Replaced landing light, cleaned battery box and painted. Replaced Emergency Locator Transmitter battery-- **Next due November 2011**. Complied with FAR 91.207 (d) 1-4 ELT inspection. De-fueled and calibrated low fuel indicators per Mooney Maintenance Manual. Complied with AD99-24-10 - 12 and 24 month inspection per CAI B-1, 2 ; C-1,2 **Next due 10/2010**. Replaced all engine mount isolators with new lord J9613-40. Replaced left hand aileron control rod PN 730048-503. Cleaned and dressed propeller. Complied with AD 76-07-12-ignition switch - **Next due 10/2010**. Cleaned induction air filter per Champion instructions. Details on file Causey Aviation WO#11870



Robert Chris Michael

Causey Aviation Service CRS EWCR750D

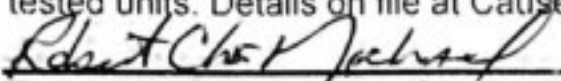
6120 Smithwood Road

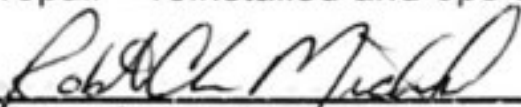
Liberty NC 27298

DATE 10-7-2009 W/O# 11870

I CERTIFY THAT THIS (AIRCRAFT) ~~(ENGINE)~~ HAS BEEN
INSPECTED IN ACCORDANCE WITH (A) (AN) Annual
INSPECTION AND APPROVED FOR RETURN TO SERVICE.

INSP. Robert Michael IA 3297663AIRFRAME TOTAL TIME 3685.2ENGINE SMON (LEFT) 1809.3 (RIGHT)STATIC CHECK & ALT. DUE: 10-2011TRANSPONDER TEST DUE: 10-2011ELT BATTERY REPLACEMENT DATE 11-2011OIL TYPE Ameshell 15W50

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		11/9/09	N777LT	24-0691 Tach 3690.0
				Replaced pilot side window, vent window and door window with new PN's LP-563SG, LP-564SG and LP-577SG. Removed flight computer PN 065-0034-05 SN 2329 sent unit to Duncan Aviation for repair. See WO UFWWA. Reinstalled flight computer after repair. Performed static leak check. Removed cluster gauges sent to Airparts of Lock Haven for repairs – Right fuel , fuel pressure, oil pressure, cylinder temperature gauges overhauled. Reinstalled and tested units. Details on file at Causey Aviation Service WO 11895
				 Robert Chris Michael for Causey Aviation Service CRS EWCR750D
		11/24/2009	N777LT	24-0691 Tach 3693.5
				Repaired wire on fuel pressure transducer – operational check good. WO #11932
				 Robert Chris Michael for Causey Aviation Service CRS EWCR750D 6120 Smithwood Road Liberty NC 27298

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				1/5/2010 N777LT 24-0691 Tach 3703.2 Removed cabin heat control cable, cleaned, lubed and reinstalled – ops check good. Drained fuel from right hand wing – tested both fuel level transmitters; reinstalled and leak checked. Replaced connector on OAT ground wire. Removed cluster gauge assembly – sent to Air Parts for repair – reinstalled and ops checked. WO 11956  Robert Chris Michael Causey Aviation Service CRS EWCR750D
2/1/2010	3709.0			Jacked Aircraft Inspected Rods & Bell Cranks for Damage none found. Rotated Gear Actuator Barrel & Rod End Bearing to gear down & locked position. Disabled Actuator Repowered Aft. for Ferry Flight to AA5 per Special Flight Permit 3/01/2010. Benjamin L Davis for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D WO# 11997

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/4/10	3709		3709	Jacked Aircraft To Trouble Shoot Gear Issue. Adjusted Actuator Barrel to Rod end bearing length Per Service manual + Tech Rep Bill Wheat. Adjusted/checked Gear preload rigging to Per M205 Service manual. operation checked 5 cycles: Preload on gear checked within limits. T.S. Aircraft CHT & Removed window splice in wire, Replaced CHT Probe, checked ground Tabs and ground straps at gauge cluster. operation checked normal. wo# 12028 Benjamin L Davis Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D
3/10/10	3709			T.S. Pt Fuel Quantity Ind. System Replaced Inboard Transmitter Gasket. T.S. Int. Inop EGT System. Replaced Probe & operation & Accuracy checked Satisfactory. wo# 12039 Benjamin L Davis for EWCR 750D

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/20/10	3740.6		3740.6	Removed Gauge Cluster checked & cleaned all Ground Contact points. Added a ground strap to gauge Cluster Case and reinstalled unit. operation appears normal on all gauges. Removed Roll Servo, sent to Duncan Aviation for evaluation and no defects found. Reinstalled roll servo operation checked OK on ramp. Removed, replaced hardware on grounds at Servos & Computer for Auto pilots. Cleaned ring studs and airframe ground points of same autopilot grounds. Relocated ground for JPI EDM 700 To engine Case. Repaired 3 ignition leads on engine & restaked Shield Servels at Spark Plug ends of leads. Reconnected Shielding of "P" heads at Mag. ^{work} 12219 Benjamin L Davis for EwCR750D
	Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D			

[illegible]

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/17/10	3756			ELT FMR 91A07 (D) 1-4 PW By Inspection + operation checked Satisfactory Battery date 11/11. CHT Gauge exchanged for a serviceable unit operation checked satisfactory.
AD99-24-10 b2 Due 10/11/WC1+2				AD99-24-10 b1 + C1+2 Annual Inspection CW.
AD99-24-10 b1 Due 11/11/WC1+2				on Standby VAC. System. CW AD76-07-12 ^{R1}
AD76-07-12 ^{R1} next Due 11/11				operation check of Bendix ignition switch check Satisfactory. ICA CW on Induction air filter.
Gear Actuator NO Back Spring				CW Kit MAD-282-001 Installed NO Back Spring.
Next Due Rep 4756 Tach				Replaced . CW BK #I343 Elevator Trim Bearing inspection + lube. Replaced fuel Cap O Rings.
				Replaced empennage link with 2 new bolts + bushing. Replaced working rivets in left Elevator trailing edge
				Removed corrosion at battery drain and aft. of vent tube on lower skin as needed.
				Chemical Treated, Primed + repainted Color To Match.
				Condition/Capacity checked Battery Serviceable.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/17/10	3756			Nose wheel bearings replaced as needed. Replaced Cabin heat hose. Removed right main tire, balanced wheel & tire assy. and installed on left gear strut axle. Replaced Voltage Regulator with Zeptronics PN R15300 SN X06047. W/O# 12316 Benjamin L Davis for
				Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D
DATE <u>11/19/10</u> W/O# <u>12316</u>				
I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>Annual</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. <u>Benjamin L Davis for</u>				
AIRFRAME TOTAL TIME <u>3756</u>				
ENGINE SMOH (LEFT) <u>1879.3</u> (RIGHT) _____				
STATIC CHECK & ALT. DUE: <u>10-2011</u>				
TRANSPONDER TEST DUE: <u>10-2011</u>				
ALT BATTERY REPLACEMENT DATE <u>11-2011</u>				
WIL TYPE <u>Aeroshell 15W50</u>				
				Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

[illegible]

YEAR 20// DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	3841.2	Tach / 509.9	Hobbs	I certify the altimeter and static system tests required by F.A.R. Part 91.411 have been performed. Altimeter is Aeromech. 8140B-20 encoding type SN 2365. Static system test date <u>12-9-11</u> Altimeter S/N <u>2365</u> tested to <u>20k</u> ft. on <u>12-9-11</u> (date) Altitude reporting system tested to <u>20k</u> on <u>12-9-11</u> (date) Signed: <u>Barrat Hoyer</u> for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 AS EWCR 750D Work Order # <u>A12665</u>
				Replaced memory batteries in King KNS-80 RNav SN (missing). <u>Barrat Hoyer</u> for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D (DATE) <u>12-12-11</u> I certify this transponder make <u>King</u> Model <u>KT-76A</u> serial No <u>4484</u> has been tested and inspected on 1/11 and meets the requirements of F.A.R. 91.413. Signed: <u>Barrat Hoyer</u> for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/15/2011				3841 TT
Inspected ELT i.a.w. FAR 91.207(d) 1-4 By operational test and inspection, test satisfactorily. ELT battery replaced new date 12/2013. Replaced nose gear truss assembly PN:540004-505 and verified proper rigging. Replaced fuel filler cap Orings. I.C.A. complied with on induction filter. Complied with AD 76-07-12 r1 Operational check of Bendix Ignition switch. NEXT DUE 12/2012 3941TT Check satisfactory. Complied with AD 99-24-10 3.3.1 inspection and 3.3.2.1 Biannual inspection. All satisfactory. NEXT DUE 12/1012 3941TT. Removed battery and performed capacity check. Battery found serviceable. Replaced landing gear warning horn and diode PN#SC628P. Operational test satisfactory. Applied corrosion X to aircraft. WO#12664 Edward W. Pettee for Causey Aviation Services 6120 Smithwood Rd Liberty, NC 27298 CRS EWCR 750D				
DATE <u>12/15/11</u> W/O# <u>12664</u> I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. <u>[Signature]</u>				
Causey Aviation Services, Inc 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D				
AIRFRAME TOTAL TIME <u>3841</u> ENGINE SMON (LEFT) <u>1964.3</u> (RIGHT) <u>—</u> STATIC CHECK & ALT. DUE: <u>12-2013</u> TRANSPONDER TEST DUE: <u>12-2013</u> ELT BATTERY REPLACEMENT DATE <u>12/2013</u> OIL TYPE <u>ARROSTHEW 15W-50</u>				

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/29/11	3843			Replaced AC plug in for Travis Oil Sump heat Blanket + Secured. operation checked Satisfactory. WO 12686 Benjamin L Davis Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D
5-17-12	3869	Hobbs 537.7		
	4/27/12	N777LT	24-0691	3854.7
				Removed SB Electric Gyro and cleaned electrical connections, reinstalled and operation checked. Removed RH fuel gauge and replaced with overhauled unit. Removed 211CC vacuum pump and replaced with overhauled 211CC Rapco pump SN 149156. Removed battery and cleaned battery and box, reinstalled battery--test ran, operation checked and leak checked. WO #12784 Robert Chris Michael Causey Aviation Service 6120 Smithwood Road Liberty, NC 27298 CRS EWCR750D
				altitude indicator - 14EL SN 205K03527 Computed temporary Put factory OH unit + functional-checked porary weight + balance Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

YEAR 20 <u>12</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-21	3865.4			Replaced Electric trim switch PN 936023-009 with new unit ops check good. Causey Aviation W.O. 12853. Robert Michael Ewcr750D



Barrier Island Aviation, Ltd.

Aircraft N777LT

Date 8/25/12

Tach:3882.9

Installed new alternator controller p/n R15300, s/n 10G031. Ground run good.

Andy Rosman 3524208 A&P

10/4/2012 N 777LT SN 24-0691 Tach 3886.8

Removed and replaced alternator brushes.
Operation check good. PN ALE-2013AS
WO#12928

Todd Hatfield CRS EWCR 750D
Causey Aviation Service
6120 Smithwood Road
Liberty, NC 27298

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: MOONEY
Order No.: 12977
S/N: 24-0691

Model: M20J

Reg. No.: N777LT
Completed: 01/18/13 00:00
TTAF: 3899.10

Conducted annual inspection I.A.W. scope and detail of FAR 43.13 appendix (d) and Manufacturers maintenance manual as a guide. Complied with FAR 91.207(d) 1-4 on elt. Battery date 12/2013. Cleaned battery box and repainted with acid proof paint and Installed new RG-25XL main starting battery. Replaced bushings and bolts in left cowl flap door. Replaced O rings and bled right brake master cylinder. Opened Right fuel tank and resealed bottom of tank per mfg instructions. Replaced nose wheel bearing and race with new. Replaced heater inlet SCAT tube with new. Complied with AD 2012-05-09 para. (G). No defects noted. Complied with AD 99-24-10 para. (b) 1&2 and (c) 1&2 and 3.3.1.1 & 3.3.2.1 of MFG. I.C.A.W.-end
AD76-07-12 r 2 Due 1/2014 or 3999.1TT
AD 99-24-10 Due 01/2013

Rolls CM

Causey Aviation Services, Inc.
6120 Smithwood Road
Liberty, NC 27298
CRS EWCR 750D

DATE 1-18-13 W/O# 12977

CERTIFY THAT THIS (AIRCRAFT) ~~MOONEY~~ HAS BEEN
INSPECTED IN ACCORDANCE WITH (A) (AM) Annual

INSPECTION AND APPROVED FOR RETURN TO SERVICE

INSP. Rolls CM

AIRFRAME TOTAL TIME 3899.1

ENGINE SMOH (LEFT) 2022.4 (RIGHT)

STATIC CHECK & ALT. DUE: 12-2013

RANSPODER TEST DUE: 12-2013

LT BATTERY REPLACEMENT DATE 12-2013

TYPE Annual 15050

9-4-13	3927.7	Replaced bolts in floor for landing gear. Checked method Fuel pressure. Renamed RT wing Fuel sump and cleaned base. <u>Rolls CM</u> EWCR 750D Causey Aviation W.O. 13157
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YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: MOONEY
Order No.: 13262
S/N: 24-0691

Model: M20J
Tach Time: 3952.10

Reg. No.: N777LT
Completed: 01/22/14
TTAF:

Conducted annual inspection I.A.W scope and detail of FAR 43.13 appendix (d) and Manufacturers maintenance manual as a guide. Replaced ELT battery PN BS2173, and complied with FAR 91.207(d)1-4. ELT expires 12/2015. Tightened pilot and co-pilot sun visors. Rigged landing gear IAW Mooney M20J AMM to obtain proper down lock tension. Added shim PN 720013-017 to nose landing gear steering linking to remove play. Lubricated Flap actuator, and gearbox per mooney M20J 500 hour lube chart. Replaced left and right fuel cap o-rings. Complied with AD 76-07-12 R1 para.(1)(a,b,and c) operational check of Bendix ignition switch good AD 76-07-12 R1 due 1/2015 or 4052 TT. Complied with AD 99-24-10 para.(b) 1&2, (c) 1&2 and 3.3.1.1 and 3.3.2.1 of MFG I.C.A.W. AD 99-24-10 due 1/2015. Robert Chris Michael for Causey Aviation
WO#13262-----END-----

Causey Aviation Services, Inc.
6120 Smithwood Road
Liberty, NC 27298
CRS EWCR750D

1-22-2014 W/O # 13262

CERTIFY THAT THIS (AIRCRAFT) (~~ENGINE~~) HAS BEEN
INSPECTED IN ACCORDANCE WITH (A) (AN) Annual
INSPECTION AND APPROVED FOR RETURN TO SERVICE.
INSP. [Signature]
AIRFRAME TOTAL TIME 3952.
ENGINE SMOH (LEFT) 2075 (RIGHT) _____
STATIC CHECK & ALT. DUE: 1-2016
TRANSPONDER TEST DUE: 1-2016
ELT BATTERY REPLACEMENT DATE 12/2015
TYPE Aeroshell 15W-50

REPLACE ELT BATTERY BY:

DEC 2015

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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I certify the altimeter and static system tests required by FAR Part 91.411 have been performed.

Static system test date 01-23-14

Aero-Mech

Altimeter S/N 2365 tested to 20,000 ft.
on 01-22-14 (date)

Altitude reporting system tested to 20,000
on 01-22-14 (date)

Signed *Barnett Hayer* for
Causey Aviation Service Inc
6120 Smithwood Road
Liberty, NC 27298 EWCR750D WO# A13269

(Date) 01-23-14

I certify this transponder make King

Model KT-76A S/N 4484 has been
tested and inspected and found to comply with the requirements of
FAR 91.413.

Signed *Barnett Hayer* for
Causey Aviation Service, Inc
6120 Smithwood Road
Liberty NC 27298 RS EWCR 750D WO# A13269

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ANNUAL INSPECTION / O-TIME ENGINE OVER HAUL

Date: February 4, 2015

AC Type: Mooney M20J 1978

Tail Number: N777LT

Serial Number: 24-0691

Owner: Charles Schmidt

Airframe (TT 3,977 Tach) Conducted Annual Inspection I.A.W. Scope and Detail of FAR 43.13 appendix (D), Mooney Factory Annual Inspection Check List Followed. Inboard aileron turnbuckle found to be loose, secured. Port side tire showing tread wear, recommend replacement at 10 hr oil change. Carpet and interior plastic panels replaced with FAA PMA components from Vantage Plane Plastics, OK. Paint touched up with Jetglow Matterhorn White / Ming Blue. King KN80 DME removed from instrument panel (6.0 lbs) weight and balance compensated for in POH. AD 76-07-12 R1 Bendix Ignition Faults (CW). AD 85-24-03 A Fuel Tank O-ring Condition (CW). AD 95-26-16 R1 Alt Air Inlet Cracks / Loose Hardware (CW). AD 98-21-26 MLG Mounting Brackets Radial Cracks (CW). AD 99-24-10 Emergency Vac System Ops Check / Owner Briefed on usage (CW), ELT Batteries Expire 12/15, Static Chk and Alt Due 1/16, Transponder Chk Due 1/16. -- Airworthy -- *Meinolf Ruther* 527398657 A&P I.A.

Engine Removed and Overhauled (TT: 3,977 Tach - TSMOH 0.0) Re-installed Lycoming IO-360-A3BD6D, S/N L-19544-51A, O-Time MOH completed on following components: Engine, Magneto, Prop Governor, Fuel Servo, Oil Cooler - O/H performed by Corona Engines, CA. All AD's CW, new engine log book (No. 3) Issued. New Spark Plugs, Ignition Harness, Fuel Pump, Motor Mounts, Engine Mounting Hardware, Oil and Fuel Lines, Heater Ducting, Prop Pitch Control Cable, Baffling used upon re-install. Mooney Factory Engine run up check list complete, leak check complete, temperatures and pressures within limits. All accessories performing as per type. Engine oil change due 10 hrs (Tach 4,007) mineral oil -- Airworthy --

A.P. / A.I: Meinolf Ruther

Meinolf Ruther 527398657
3,987
FAA Lic: 527398657

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Mooney
MODEL: M20j
S/N: 24-0691
REG. NO: 777LT
WORK ORDER: MRY3543-09-2016



GEM Aviation
741 Neeson Rd
Marina, CA 93933 USA
Phone: 559 475-2710

DATE: 9/28/2016
A/C TSN: 4037.8
TACH: 4037.8

Airframe Entries

(2) Removed Propeller, Cleaned hub/crank attach, removed damaged oring, and installed new P/N A1633-11. Reinstalled prop, torqued bolts to 65 FT LBs and safety wired. Ran up aircraft, ops check good. Work done IAW Mooney M20J AMM.

Items listed were inspected or repaired in accordance with aircraft, engine and/or Manufacturer's Maintenance Manual requirements and current FARs. This aircraft is approved for return to service with respect to the work performed.

DATE: 9/28/2016

SIGNED:

cstaub, A&P: 3612277

Work Order: MRY3543-09-2016

Printed by EBis 3 (datcomedia.com)

MAKE: Mooney
MODEL: M20j
S/N: 24-0691
REG. NO: 777LT
WORK ORDER: MRY3598-12-2016



GEM Aviation
741 Neeson Rd
Marina, CA 93933 USA
Phone: 559 475-2710

DATE: 12/28/2016
A/C TSN: 4055.9
TACH: 4055.9

Airframe Entries

- (2) Secured exhaust and torqued to spec per AMM M20J
- (3) Replaced both panel light rheostats. p/n S-1904-3
- (4) Re-installed missing pins from back of Standby Radio Unit. Function checks OK

Items listed were inspected or repaired in accordance with aircraft, engine and/or Manufacturer's Maintenance Manual requirements and current FARs. This aircraft is approved for return to service with respect to the work performed.

DATE: 12/28/2016

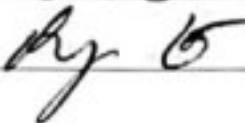
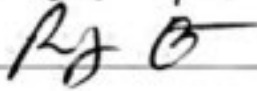
SIGNED:

cmblumer, A&P: 1773082 IA

Work Order: MRY3598-12-2016

Printed by EBis 3 (datcomedia.com)

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-19-17	4061.0	complied with AD 76-07-12 (8-30-77) Bendix		
ACTT	4061.0	Ignition Switch, operational check, no defects		
		next due by 2-2018 ACTT: 4161.0. AD 85-24-		
		03 R1-6-86 Fuel Tank Bays etc., inspected		
		both fuel caps per SA, M20-229A, no defects,		
		due by ACTT: 4161 or annual 2-2018. AD		
		99-24-10 Precise Flight SVS, (1-14-00), inspected		
		12 + 24 month items per section 3.3 of		
		Installation Report No 90050, no defects, due		
		by 2-2018/ 2-2019. AD 99-26-16 R1 Alternate		
		Air Door, previous compliance on 5-30-96		
		M20-250B, no further action due.		
		AD 2015-19-07 (11-3-15) Fuel Injector Lines,		
		inspected lines + clamps per AD + MSB 3420		
		Diagram # 4 (7-16-13), no defects, next due		
		after any work on lines/clamps, O.H., or ACTT:		
		4161. AD 2004-10-14 (6-25-04) Crankshaft		
		bear, due after prop strike. cont. next pg		

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				continued from previous page - AD 90-04-06 R1 (5-28-91) Prop Gov Oil Line, due after any removal or OH. APC checked on faa.gov on 2-14-17. I certify that the ELT has been inspected in accordance with the requirements of FAR 91.207(d) 1-4 and was found to be in satisfactory condition, set to Auto, battery due by Feb 18. By  AP534761613
2-15-17	4061.0			I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP534761613 IA
ACTT	4061.0			

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Mooney
MODEL: M20j
S/N: 24-0691
REG. NO: 777LT
WORK ORDER: MRY3846-08-2017



GEM Aviation
741 Neeson Rd
Marina, CA 93933 USA
Phone: 559 475-2710

DATE: 8/2/2017
A/C TSN: 4085.4
TACH: 4085.4

Airframe Entries

(2) Removed inoperative vacuum pump P/N 215CC and installed new unit P/N 215CC. Ops check good.

Items listed were inspected or repaired in accordance with aircraft, engine and/or Manufacturer's Maintenance Manual requirements and current FARs.
This aircraft is approved for return to service with respect to the work performed.

DATE: 8/2/2017

SIGNED:

C. Blumer

Work Order: MRY3846-08-2017

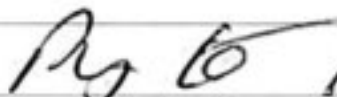
cmblumer, A&P: 1773082 IA

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				4102.2
-2-1-18				
Tach	4109.5			
ACTT	4109.5			
		Complied with AD 2015-19-07 (11-3-15) Fuel Injector Fuel Lines, inspected per MSB 342 G (2-16-13) Diagram #4, no defects, next due by ACTT: 4209, any work, or O.H. AD 2004-10-14 (6-25-04) Crankshaft Gear, due after prop strike. AD 90-04-06 R1 (5-28-91) Propeller Governor Oil Line, due after removal or O.H. AD 89-24-03 (1-6-86) Fuel Tank Bays etc.		
				continued next page

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				continued from previous page - inspected both fuel caps per par. b of AD no defects, next due by ACTT: 4209 on 2-2019 whichever is first. AD 76-07-12 (8-30-77) Bendix Ignition switches, operational check per AD no defects, next due by ACTT: 4209. AD 99-24-10 (1-14-00) Precise Flight SVS, inspected 12 months items per section 3.3 of Installation Report # 50050, next due by 2-2019. Replaced ELT battery BP-1020. I certify that the ELT has been inspected in accordance with the requirements of FAR 91.207(d)1-4 and was found to be in satisfactory condition, set to Auto, battery due by April 2020. ADs checked on faa.gov on 1-28-18. By  AP534761613

YEAR 20 <u>18</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
0 % Tach ACTT:	2-1-18 4109.5 4109.5	I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition.		My  AP 534761613 IA
TT 4 SM 10	2-12-19 2-22-19 Tach ACTT	4182.8 4182.8	complied with AD 2019-19-07 (11-3-19) Fuel Injector Lines, inspected per AD+ MSB 342 6 (7-16-13) Diagram #4 no defects, due by ACTT: 4282, OTH, any work on lines/clamps.	
-2 ' ,	AD 2004-10-14 (6-25-04) Crankshaft Gear, due after prop strike. AD 90-04-06 R1 (5-28-91) Propeller Governor Oil Line, due after removal or OTH. AD 85-24-03 (1-6-86) Fuel Tank Bays + R'b Inspection, inspected both fuel caps per para b no defects, due by ACTT: 4282 or 2-2020 whichever is first. AD 76-07-12 (8-30-77) Bendix Ignition Switch, operational check per AD no defects, due by ACTT: 4282.			
				Next Page

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				continued from previous page -
AD	99-24-10	(1-14-00)	Precise Flight Inc.,	inspected 12 + 24 month items per continued airworthiness section 3.3 of installation report # 50050, due by 2-20-20. Replaced scot hose from muffler to cabin heater. I certify that the ELT has been inspected in accordance with the requirements of FAR 91.207 (d) 1-4 and was found to be in satisfactory condition, set to Auto, battery due by April 2020. ADs checked on faa.gov on 2-11-19. By  AP 534761613
2-12-19				I certify that this aircraft has been inspected
Tach	4182.8			in accordance with an annual inspection
ACTT	4182.8			per FAR 43 Appendix D and was determined to be in airworthy condition. By  AP 534761613 IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: 1284

ADS-B Compliance. - page 1 of 1



Velocity Avionics, LLC. - 1000 technology Drive, Suite C - Columbia, California 95310 - 8885458399 - CRS# 2VER931C

N777LT**April 13, 2019**

Hobbs: 941.2

1. Installation of GTX335 XPDR, GAE Altitude Encoder GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Rev. 10 February 28, 2018. The system was installed in accordance with STC #SA01714WI. Removed (1) 066-01156-0101 - KT 76C ATC Transponder, S/N: 14369, Installed (1) 011-03300-40 - GTX 335 XPDR, S/N: 3EE422733, Installed (1) 011-03080-01 - GAE SUB-ASSY, ALTITUDE ENCODER, S/N: 3T6010653, Installed (1) 013-00235-00 - GA 35 GPS/WAAS antenna, S/N: 165068.

The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR part 91, ? 91.227. Details of work performed are on file with Velocity Avionics, LLC. under work order: 1284.

William Walker FAA Repairman 3884694

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: 1284

91.411 & 91.413 - page 1 of 1



Velocity Avionics, LLC. - 1000 technology Drive, Suite C - Columbia, California 95310 - 8885458399 - CRS# 2VER931C

N777LT**April 13, 2019**

Hobbs: 941.2

1. 24 month.

I certify that the altimeter and static system tests required by 14 CFR part 91, 91.411 and ATC transponder tests, including data correspondance, required by 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F. The altimeter was tested to 18,000 feet. Details of work performed are on file with Velocity Avionics, LLC. under work order: 1284.

William Walker FAA Repairman 3884694

N777LT

AIRFRAME

08/09/2019

4223.4

TACH

REMOVED COWLING. REMOVED STARTER DUE TO INOP SOLENOID.
REPLACED STARTER USING NEW SKY-TEC 149-12LS SN#H-T072141.
OPS CHECKED STARTER GOOD. CHARGED MAIN SHIPS BATTERY.
OK FOR RETURN TO SERVICE. SCOTT ERICKSON

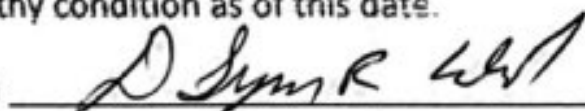
AP3629704

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
---------------------------	-------------------	-----------------------------	---

Reliant Aircraft Services LLC 503-799-9834	Reliant Aircraft Services LLC 	Logbook Insert
Model: Mooney M20 J	Airframe	Date: 03-23-2020
Reg #: N777LT	SN# 24-0691	ACTT 4338.6
Tach: 4338.6 HOBBS 1007.3		

Completed an Annual inspection with reference to Mooney aircraft annual inspection guide form # 0100 dated Feb 07 and FAR 43 App. D. Complied with AD 85-24-03 by replacement of fuel tank cap O-rings P/N: MS29513-338. Opened right tank and removed excess sealant from a previous repair at W.S 43.5 and 59.25 lower drain holes both sides of rib. Tank was resealed per Mooney S.B M20-230. ELT checked IAW FAR 91.207. ELT battery replaced Merl P/N PB-1020 new replacement MAY 2022. Replaced O-ring's in left master cylinder and bleed brakes. Repacked wheel bearings. Replaced L&R Main tires with Air Trac 600.6 6 ply. Installed new O-rings in fuel selector. C/W AD73-21-01 By lubricating and inspecting flight controls, inspected gear preload per service manual next due 4438.6. C/W AD 76-07-12 Bendix ignition switch function test. Checked good. CW AD 95-26-16 R1 by inspection of alternate air door and hardware. CW AD 99-24-10 Precise Flight SVS, inspected no defects found. Recording Tach found not recording. Calculated time from Hobbs meter & Tach time from 5/17/12 log entry. Removed and reinstalled Tachometer for repair see yellow tag, time set to 4338.6. Ground run and leak checks performed with no discrepancies noted. I certify this aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition as of this date.

DeLynn R Elrod



A&P3508347 IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I certify the transponder model # <u>4335</u> have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter <u>✓</u> and static system <u>✓</u> have been tested to <u>20,000</u> and found to meet the requirements of FAR 91.411 and FAR 43 appendix E on this date: <u>09 JULY 2020</u> Altimeter Qty: <u>1</u> Encoder Qty: <u>2</u> N <u>777LT</u> Signed <u>[Signature]</u> for Avionics Shop, Inc. FAA CRS-FP4R188M Tacoma Narrows Airport, Gig Harbor WA 98335

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335
LOG ID# 1032 19-August-2020 WO# 16588 REF# 16588
N777LT S/N 24-0691 MOONEY M20J TACH 4359.9

Pg 1 / 1

REMOVED 300-14E AND KY197. INSTALLED KX155 AND KI209. UNITS WERE INSTALLED USING FACTORY SUPPLIED INSTALLATION MANUALS, FAA ADVISORY CIRCULARS AND COMMON AVIONICS INDUSTRY PRACTISE. UPDATED WEIGHT AND BALANCE. LOGBOOK ENTRY MADE. END.

[Signature]
FP4R188M DANIEL A NEIL

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
------	-----------	---------	-------	--

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

CENTERLINE AIRCRAFT, LLC
602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4398.8
5/24/2021

PERFORMED THE FOLLOWING:

1. ANNUAL INSPECTION.
2. E LT HAS BEEN INSPECTED IAW CFR 14 FAR 91.207D. BATTERY DUE 05/22.
3. TIGHTEN LOOSE BRAKE LINE.
4. REPLACE LH TIRE AND TUBE.
5. REPLACED MAIN BATTERY.
6. REPLACE BRAKE PADS.
7. REPLACE ONE NOSE WHEEL BEARING AND RACE.
8. AD'S CHECKED THROUGH 2021-10.
9. COMPLIED WITH AD 95-17-06 DATED 09/25/1999 BY INSPECTION NEXT D
TTAF: 3135.5.
10. REPAIRED EXHAUST SYSTEM AS REQUIRED.
11. C/W AD 2012-05-09 TAIL INSPECTION.
12. C/W AD 76-07-12 MAGNETO SWITCH INSPECTION.
13. C/W AD 85-24-03 FUEL TANK INSPECTION.
14. C/W AD 95-26-16 R 1 ALT AIR DOOR HARDWARE.
15. C/W AD 99-24-10 EMERGENCY VACUUM CABLE OPS CHECK.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA
REGULATIONS AND FOR THE WORK PERFORMED IS AIRWORTHY AND APPROVED FOR
RETURN TO SERVICE.


LAWRENCE AFANA
IA3643646

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------------	---------------------------	-------------------	-----------------------------	---

8/19/21, N777LT, Tach: 4388.2 . Removed left wing outboard top and bottom fuel tank covers. Cleaned flanges, resealed spar and rib joints with PRC fuel tank sealer. Cured 2 days and refilled with fuel. No leaks detected. Returned to service.

ROBERT M. GOETHALS

A&P3214492 IA

AIRCRAFT: N777LT DATE: 10/20/22

I certify that the ATC transponder was tested (in aircraft) as required by 14 CFR 91.413 and was found to comply with 14 CFR Part 43 Appendix F.

AEROSecure work order: A0487

AEROSecure LLC
PHONE: 480-340-2764

CRS# 83RR535D

YEAR**RECORDING****TODAY'S****TOTAL****Descript**

CENTERLINE AIRCRAFT, LLC

602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4415.5
10/19/2022

PERFORMED THE FOLLOWING:

1. ANNUAL INSPECTION.
2. E LT REMOVED FOR MAINTENANCE.
3. REPLACED NOSE TIRE AND TUBE.
4. AD'S CHECKED THROUGH 2022-20.
5. AD 95-17-06 DATED 09/25/1999 NOT APPLICABLE.
STC NOT INSTALLED.
6. C/W AD 76-07-12 DATED 04/14/1976 MAGNETO SWITCH INSPECTION.
NEXT INSPECTION DUE : TTAF: 4515.5
7. C/W AD 95-26-16 R1 DATED : 05/16/1996 ALT AIR DOOR HARDWARE.
NEXT INSPECTION DUE: TTAF: 4425.5
8. C/W AD 99-24-10 DATED : 01/14/2000 EMERGENCY VACUUM CABLE OPS
CHECK.
NEXT DUE: 12MONTHS

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA
REGULATIONS AND FOR THE WORK PERFORMED IS AIRWORTHY AND APPROVED FOR
RETURN TO SERVICE.


LAWRENCE AFANA
IA3643646

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. #3

Aircraft Registration No. Mooney M20J N777LT

Engine Manufacturer Lycoming

Model IO-360-A3B6D

Serial No. L-19544-51A

Date installed on aircraft Jan 7, 2015

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |

(All applicable information must be filled in)



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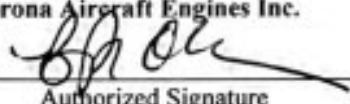
P.O. Box 1359 / Southold, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

©2000 Aerotech Publications, Inc.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																							
12/2/14				TOTALS brought forward from previous page																																							
				LYCOMING IO-360-A3B6D S/n L-19544-51A 0 HOURS SINCE MAJOR OVERHAUL Disassembled, cleaned, and inspected this engine for a major overhaul under work order E153. The crankshaft S/n 126955 H/c P68 was cleaned, Magnaflex, visually, dimensionally inspected micro-polished STD mains and rods and certified. The crankcase S/n 1263 was overhauled lap and lined bored to new limits by CSI under work order 23143. The connecting rods were cleaned, Magnaflexed, re-bushed, line-bored and certified. The rocker arms were cleaned, Magnaflexed, re-bushed and certified. The camshaft and lifter bodies were overhauled to new limits by Aircraft Specialties under work order 227900. The cylinders were overhauled to New Limit Plus .010 bore complete. The engine was reassembled in accordance with LYCOMING OVERHAUL MANUALS AND TABLES OF LIMITS. The following parts were replaced at overhaul. <table border="0"> <tr> <td>8ea. SL13212A STD Connecting Rod Bearing</td> <td>2ea. SL13884A STD Front Main Bearing</td> <td>1ea. AN8-14A Crank Bolt</td> </tr> <tr> <td>8ea. SL12186 Connecting Rod Nut</td> <td>4ea. SL11020 STD Main Bearing</td> <td>1ea. SL61084 Relief Spring</td> </tr> <tr> <td>8ea. SL75060 Connecting Rod Bolt</td> <td>1ea. LW18840 Overhauled Camshaft</td> <td>1ea. STD-10288 Ball</td> </tr> <tr> <td>8ea. SL12892 Thrust Button</td> <td>1ea. 76121 Tachometer Shaft</td> <td>1ea. LW10342 Oil Pump</td> </tr> <tr> <td>8ea. SL72877 New Lifter Body</td> <td>1ea. SL53E19600 Vernatherm</td> <td>4ea. SLSTD-1821 Hose</td> </tr> <tr> <td>8ea. 74389 Rocker Bushing</td> <td>4ea. SL13444-1 Piston Pin</td> <td>4ea. LW13923 Rod Bushing</td> </tr> <tr> <td>8ea. 71907 Counterweight Plate</td> <td>2ea. 72801 Overhauled Counterweight</td> <td>8ea. 72626 Rocker Shaft</td> </tr> <tr> <td>8ea. SL14820 Counterweight Clip</td> <td>1ea. SL18109A-S Oil Pump Kit</td> <td>1ea. SL75439-1 Gasket Kit</td> </tr> <tr> <td>8ea. 6506 Breeze Clamp</td> <td>2ea. SL14W21696 Roller</td> <td>2ea. SL72797 Roller</td> </tr> <tr> <td>8ea. SL11796 Valve Spring</td> <td>4ea. SL16740 Exhaust Valve</td> <td>4ea. 73810 Bushing</td> </tr> <tr> <td>8ea. SL11797 Valve Spring</td> <td>4ea. LW13622 Intake Valve</td> <td>4ea. 75838p Exhaust Guide</td> </tr> <tr> <td>8ea. 17C21191 Keeper</td> <td>8ea. 72050 Keeper</td> <td>4ea. SL67193-S Gasket</td> </tr> <tr> <td>4ea. LW-12993 Overhauled Plus 0.010 Cylinder Assy.</td> <td>4ea. 73772 Cooling Nozzle</td> <td>4ea. ASC10207 P10 Piston</td> </tr> </table>	8ea. SL13212A STD Connecting Rod Bearing	2ea. SL13884A STD Front Main Bearing	1ea. AN8-14A Crank Bolt	8ea. SL12186 Connecting Rod Nut	4ea. SL11020 STD Main Bearing	1ea. SL61084 Relief Spring	8ea. SL75060 Connecting Rod Bolt	1ea. LW18840 Overhauled Camshaft	1ea. STD-10288 Ball	8ea. SL12892 Thrust Button	1ea. 76121 Tachometer Shaft	1ea. LW10342 Oil Pump	8ea. SL72877 New Lifter Body	1ea. SL53E19600 Vernatherm	4ea. SLSTD-1821 Hose	8ea. 74389 Rocker Bushing	4ea. SL13444-1 Piston Pin	4ea. LW13923 Rod Bushing	8ea. 71907 Counterweight Plate	2ea. 72801 Overhauled Counterweight	8ea. 72626 Rocker Shaft	8ea. SL14820 Counterweight Clip	1ea. SL18109A-S Oil Pump Kit	1ea. SL75439-1 Gasket Kit	8ea. 6506 Breeze Clamp	2ea. SL14W21696 Roller	2ea. SL72797 Roller	8ea. SL11796 Valve Spring	4ea. SL16740 Exhaust Valve	4ea. 73810 Bushing	8ea. SL11797 Valve Spring	4ea. LW13622 Intake Valve	4ea. 75838p Exhaust Guide	8ea. 17C21191 Keeper	8ea. 72050 Keeper	4ea. SL67193-S Gasket	4ea. LW-12993 Overhauled Plus 0.010 Cylinder Assy.	4ea. 73772 Cooling Nozzle	4ea. ASC10207 P10 Piston
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				THIS ENGINE WAS OVERHAULED TO 0 Hours Since Major Overhaul -All pertinent details on file at Corona Aircraft Engines Inc. under WORK ORDER E153 Signed  December 2, 2014 FAA REPAIR STATION O9VR726Y Corona Aircraft Engines, Inc. 1965 Aviation Drive Corona, CA 92880 																																							
				ACCESSORY LISTING <table border="1"> <thead> <tr> <th>ITEM</th> <th>PART#</th> <th>S/N</th> </tr> </thead> <tbody> <tr> <td>MAGNETO</td> <td>BL-682555-11</td> <td>G01CA181R</td> </tr> <tr> <td>FUEL SERVO</td> <td>2524054-11</td> <td>22712/26</td> </tr> <tr> <td>FLOW DIVIDER</td> <td>2524232-2</td> <td>971</td> </tr> <tr> <td>FUEL PUMP</td> <td>LW-15473</td> <td>07C404</td> </tr> <tr> <td>OIL COOLER</td> <td>8001689</td> <td>4931086</td> </tr> <tr> <td>HARNESS</td> <td>M2915</td> <td>N/A</td> </tr> <tr> <td>SPARK PLUGS</td> <td>URHM-40E</td> <td>N/A</td> </tr> <tr> <td>OIL FILTER</td> <td>AA48103-2</td> <td>N/A</td> </tr> </tbody> </table> These Overhauled or New Accessories were supplied with engine at overhaul. Model: IO-360-A3B6D S/N: L-19544-51A W/O: E153 Corona Aircraft Engines Inc.  F.A.A. Repair Station O9VR726Y Authorized Signature	ITEM	PART#	S/N	MAGNETO	BL-682555-11	G01CA181R	FUEL SERVO	2524054-11	22712/26	FLOW DIVIDER	2524232-2	971	FUEL PUMP	LW-15473	07C404	OIL COOLER	8001689	4931086	HARNESS	M2915	N/A	SPARK PLUGS	URHM-40E	N/A	OIL FILTER	AA48103-2	N/A												
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SUB-TOTALS this page

TOTALS-Carry forward to next page

- ENGINE INSTALLED 2/4/2015 - Tach 3977
- 0 - S.M.O.H

Page No.

①

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
2/29/16		10.2	3,987.2	OIL FILTER + WNEAL OIL 7QT RUN UP AND LEAK TEST - AIRWORTHY 6m.w.s. - [Signature]
6/12/16		(31.8) S.M.O.H 42	4,019	OIL CHANGE AERO SHELL 100 PLUS 7QT RUN UP LEAK TEST NO ISSUES FOUND - AIRWORTHY - 6m.w.s. - [Signature]
2-15-17				Compression test per AC43.13-1B CHG 2 Par. 8-14 (b) Tach 4061.0 (9-27-01) ① 80/80 ② 79/80 ③ 79/80 ④ 80/80. ETT 4061.0 changed oil + filter, cut old filter for S.M.O.H 84.0 inspection, found clean, serviced with Aerashell W100 Plus and AA48103-2. Gaped all spark plugs. Tightened + scatted oil fill tube. Run up + leak check good. By [Signature] AP534761613
2-15-17				I certify that this engine has been inspected Tach 4061.0 in accordance with an annual inspection per ETT 4061.0 FAR 43 Appendix D and was determined to S.M.O.H 84.0 be in airworthy condition. By [Signature] AP534761613 I.A
7/27/17				CHANGED OIL AERO SHELL 100 PLUS TACH 4084.5 7QT - RUN UP LEAK TEST ETT 4084.5 CLEAN NO ISSUES FOUND - AIRWORTHY S.M.O.H 107.5 6m.w.s. - [Signature] (OWNER)
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
2-12-19				Compression test per AC43.13-1B CH62 Per.
Tach 4182.8	8-14(b)	(9-27-01)	① 80/80 ② 80/80 ③ 80/80 ④ 80/80	
SMOH 205.8	changed oil + filter, cut old filter found clean. serviced with Aeroshell 100W Plus + CH48103-1. Resealed upper 90° fitting in oil cooler. Run up + leak check good.			
	By <u>AP 534761613</u>			
2-12-19				I certify that this engine has been
Tach 4182.8	inspected in accordance with an annual			
ETT 4182.8	inspection per FAR 43 Appendix D and			
SMOH 205.8	was determined to be in airworthy			
	condition. By <u>AP 534761613 IA</u>			

Reliant Aircraft Services LLC 503-799-9834	Reliant Aircraft Services LLC 	Logbook Insert
Model: Mooney M20 J	Airframe	Date: 03-23-2020
Reg #: N777LT	SERIAL # 24-0691	ACTT: 3115.48
Tach: 4338.6 & ETT / TSMO 361.6	ENGINE SERIAL #1-19544-51A	MODEL # LycomingIO-360-A386D

Completed an engine inspection with reference to Mooney annual inspection guide form # 0100 dated Feb 07 and FAR 43 App. D. Checked cylinder compressions #1 78psi #2 76psi #3 74psi #4 76 PSI over 80 PSI. Inspected oil filter and sump suction screen. Looks normal by visual inspection. Installed new Champion CH48-103-1 oil filter and serviced engine with 8 qts of Aeroshell 100W Plus oil. Removed, inspected, cleaned, tested and re-installed sparkplugs. Removed, inspected, cleaned and re-installed all fuel injector nozzles. Serviced induction air filter, Per Challenger document 4003, Rev D. Inspected exhaust heat exchanger for carbon monoxide leakage. No defects noted. CW AD 2015-19-07 By inspecting fuel injector lines, no defects found. CW AD 6-25-04 Crank shaft gear, due only if prop strike occurred— no strike occurred. CW AD 90-04-06 R1 Propeller governor line only if removed or at OH— line not removed. Replaced #3 EGT probe part # 2870. Checked all engine controls for proper travel. Ground run and leak checks performed with no discrepancies noted. I certify this aircraft engine has been inspected IAW an Annual inspection and was determined to be in an Airworthy condition as of this date.

DeLynn R Elrod

DeLynn R Elrod

A&P P3508347 IA

SUB-TOTALS this page

TOTALS-Carry forward to next page

DAI

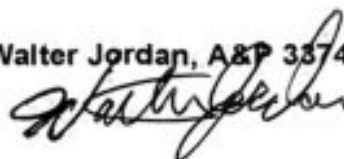
Mooney M20J, N777LT, ENGINE LOGBOOK**7/29/20, Tach 4354.3**

/ORK

Trouble shot rough engine. Found bad fuel Injection Nozzle Cylinder #4. During verification of problem, that nozzle was moved to #2. New Nozzle (P/N 2524864-2) installed in #2 Cylinder. CW AD2015-19-07 by inspection. Run-up and opps check good.

Central Aircraft Repair
900 NW Airport Rd.
Chehalis, WA 98532
360-748-0190

Walter Jordan, A&P 337406888



CENTERLINE AIRCRAFT, LLC

602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4398.8
 5/24/2021

PERFORMED THE FOLLOWING:

1. PERFORMED 100 HR INSPECTION.
2. SERVICED ENGINE WITH 12 QTS AEROSHELL OIL W100PLUS AND CH48103-1 OIL FILTER.
3. CLEANED AND GAPPED PLUGS.
4. WASHED ENGINE.
5. CLEANED AIR FILTER.
6. TIGHTENED OIL PAN GASKETS..
7. AD'S CHECKED THROUGH 2021-10.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.


 LAWRENCE AFANA
 AP3643646

CENTERLINE AIRCRAFT, LLC

602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4415.5
 LYCOMING IO-360-A3B60 S/N: L-19544-51A
 10/19/2022 SMOH:438.5

PERFORMED THE FOLLOWING:

1. PERFORMED 100 HR INSPECTION.
2. SERVICED ENGINE WITH 12 QTS AEROSHELL OIL W100PLUS AND CH48103-1 OIL FILTER.
3. CLEANED AND GAPPED PLUGS.
4. WASHED ENGINE.
5. CLEANED AIR FILTER.
6. TIGHTENED OIL PAN GASKETS.
7. C/W AD 2015-19-07 FUEL INJECTOR LINE INSPECTION NEXT DUE:
8. AD'S CHECKED THROUGH 2022-20.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.


 LAWRENCE AFANA
 AP3643646

8/19/21. N777LT, Tach: 4388.2. Removed top cowling. Removed all 4 lower sparkplug. Cleaned, inspected, lubed threads, Torqued. Ran up checked for normal operation. Returned to service.

Robert M. Goethals


 A&P3214492 IA

SUB-TOTALS this page

TOTALS-Carry forward to next page

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL **HC-C2YR-1BFP/F7497**

PROPELLER S/N **NS3827B**

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model _____

High/Feather _____

Propeller S/N _____

Start Lock _____

Blade Design _____

Low _____

Blade S/N's

Reverse _____

No. 1 _____

No. 2 _____

Aircraft Manufacturer Mooney

No. 3 _____

Aircraft Model M-20-J

No. 4 _____

S/N 24-0691

No. 5 _____

Registration N 777LT

No. 6 _____

Spinner Assembly Part No. _____

[illegible]

2-1-18 Reshafted 4 of the 6 propeller bolts.

Tach I certify that this propeller has been inspected
4109.5 in accordance with an annual inspection,
PTT per FAR 43 Appendix D and was determined to
7.3 be in airworthy condition.

Ry @ AP 534761673 IA

2-12-19 I certify that this propeller has been inspected
Tach in accordance with an annual inspection per
4182.8 FAR 43 Appendix D and was determined to
PTT be in airworthy condition.

80.6 Ry @ AP 534761613 IA

[illegible]

CENTERLINE AIRCRAFT, LLC
602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4398.8
5/24/2021

1. PERFORMED 100HR INSPECTION.
2. SERVICED PROPELLER AS REQUIRED.
3. AD'S CHECKED THROUGH 2021-10.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED AND OR REPAIR
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
AIRWORTHY APPROVED FOR RETURN TO SERVICE.

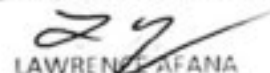

LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
602-300-3791

N777LT MOONEY M20J S/N: 24-0691 TACH/TTAF: 4415.5
HARTZELL HC-C2YR1BFP/F7497 S/N: NS3827B
10/19/2022

1. PERFORMED 100HR INSPECTION.
2. SERVICED PROPELLER AS REQUIRED.
3. AD'S CHECKED THROUGH 2022-20

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED AND OR REPAIR
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.


LAWRENCE AFANA
AP3643646