



Started 4/82

see original logs for  
prior entries

# AIRFRAME MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N201 RZ

Aircraft Mfg. MOONEY Model M20J Serial No. 24-0327

Engine Mfg. LYCOMING Model I0-360-A3B6D Serial No. L-17850-51AC

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. McCAULEY Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. B2D34C212 Hub Serial No. 773610

Blade Design No. 78CDA-4 Blade Serial No's. K 77593  
K 77597

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
THIS LOG STARTED APRIL 20, 1982 ON N201RZ S/N 24-0327 ENG IO-360-A3B6D S/N L-17850-5IAC WITH A TACH TIME OF 346.18 AND A TOTAL TIME OF 1346.18. FOR ALL PREVIOUS ENTRIES SEE AIRFRAME LOG BOOK # NUMBER ONE.			
4/21/82	1346.18	346.18	COMPLETED
ANNUAL INSPECTION THIS DATE: CHECKED ALL APPLICABLE ADS & FILLED OUT APPROPRIATE AD LOG SHEETS, NO ADS DUE AT THIS TIME: INSPECTED			<div style="border: 1px solid black; padding: 5px;"> <p>HENRY WEBER AIRCRAFT DISTRIBUTORS, INC. LANCASTER AIRPORT, R. D. 3 LITITZ, PENNA.</p> <p>DATE <u>4/21/82</u></p> <p>Details of this work order are on file under: No. <u>5697</u></p> <p>Inspector <u>Donnie R. Shunk</u></p> </div>
FLUBED ALL FLIGHT CONTROLS, REPACKED ALL WHEEL BEARINGS, INSPECTED, GREASED AND CHECKED LANDING GEAR RIGGING. SERVICED BATTERY & BRAKE RESERVOIR. INSTALLED NEW ELECTRIC CLOCK IN PILOTS			<p>AIRCRAFT 1346.18 &amp; ENGINE 1346.18 TACH <del>346.18</del> 346.18</p> <p>I CERTIFY THAT THIS AIRCRAFT <del>N201RZ</del> HAS BEEN INSPECTED IN ACCORDANCE WITH <del>14 CFR 43.15</del> (AM) <del>43.15</del> ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>REP. STATION # <u>110-2</u></p>
INSTRUMENT PANEL. REPLACED LEFT PLASTIC WHEEL DOOR FAIRING. REPLACED VACUUM PUMP INLET FILTER & GYRO FILTER. REPLACED LEFT NAV BULB, REPLACED BOTH FUEL CAP "O" RINGS, REPLACED RIGHT GEAR FLEXIBLE BRAKE LINE AND BRAKE HOUSING. REPLACED ALL BRAKE LINING FOR CHROME DISCS. REPLACED RIGHT GEAR DOOR STIFFENER, INSTALLED NEW 600X6 TIRE ON LEFT MAIN WHEEL, REPLACED INNER BEARING & RACE ON NOSE WHEEL.			
— END ENTRY —			
5-6-82	1349.86	1349.86	<p>Installed a Ryan WX-9 Stormscope &amp; Astrotech LC 2 Clock. Revised Equipment List &amp; Wt &amp; Balance See FAA Form 337 this date.</p> <p><u>James D. Padd</u></p>

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			<b>TOTAL</b> brought forward from previous page
7-14-82			Removed a KING KN 61 DME & Installed a KN-62A DME. Revised wt & Balance See FAA form 337 This date. Ransome Air AVIONICS CR5 109-44 James P. Dollar
9/23/82	1418.2	418.2	<p style="text-align: center;"><b>MAINTENANCE RELEASE</b></p> <p>The aircraft or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Inspector <u>Thomas W. Chars</u> <i>Replace nose tire &amp; tube. Replace electric trim switch.</i></p> <p>Certified Repair Station No. 110-2 Details of this work order are on file under No. <u>5953</u> <i>Replace speakers.</i></p> <p style="text-align: center;"><u>End</u></p>
4/15/83	1444.3	444.3	<p>COMPLETED</p> <p>ANNUAL INSPECTION THIS DATE: 4/15/83</p> <p>76-07-12 (BENDIX IGNITION SWITCH) INSPECTED</p> <p>LUBED FLIGHT CONTROLS, REPACKED ALL WHEEL BEARINGS, GREASED GEAR, CHECKED RIBBING.</p> <p>SERVICED BATTERY &amp; BRAKE RESERVOIR.</p> <p>INSTALLED NEW ELT BATTERY NEXT DUE FOR REPLACEMENT 4/15/85.</p> <p style="text-align: center;"><u>END ENTRY</u></p>
			<p style="text-align: center;"><b>HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.</b> LANCASTER AIRPORT, R. D. 3 LITITZ, PENNA.</p> <p>DATE <u>4/15/83</u> Details of this work order are on file under No. <u>6235</u></p> <p>Inspector <u>Walt K. G...</u></p> <p>AIRCRAFT <u>1444.3</u> &amp; ENGINE <u>1444.3</u> TACH <u>444.3</u> &amp; <del>ENGINE</del></p> <p>I CERTIFY THAT THIS AIRCRAFT <del>ENGINE</del> HAS BEEN INSPECTED IN ACCORDANCE WITH (AN) <del>100</del> <u>100</u> ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p style="text-align: right;">REP. STATION # <u>110-2</u></p>

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

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED	
TOTAL brought forward from previous page				
5-3-84	1556.2	556.2	COMPLETED	
ANNUAL INSPECTION THIS DATE: <u>5/3/84</u> <u>76-07-12</u>			<p><b>HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.</b> LANCASTER AIRPORT, R. D. 3 LITITZ, PENNA.</p> <p>DATE <u>5-3-84</u></p> <p>Details of this work order are on file under No. <u>6772</u></p> <p>Inspector <u>Jerry J. Snyder</u></p> <p>AIRCRAFT <u>1556.2</u> ENGINE <u>1556.2</u> TACH <u>556.2</u></p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH (AN) <u>100</u> HR. ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>REP. STATION # <u>110-2</u></p>	
BENDIX IGNITION SWITCH TEST, REPLACED CABIN DOOR SEAL, CLEANED BATTERY TERMINALS & CHARGED BATTERY, REPLACED FUEL CAP O RINGS, INSTALLED NEW 600X16 TIRE ON RIGHT MAIN WHEEL, REPLACED FUEL CAP PLACARDS, REPLACED LEFT WING OUTBOARD FUEL TRANSMITTER GASKET, REPACKED ALL WHEEL BEARINGS, GREASED BEAR, INSPECTED & LUBED ALL FLIGHT CONTROLS, CHECKED BEAR RIBBING.				
END ENTRY				
29 MAY 84	1560.8	560.8		Repaired left fuel tank of leak in one area, IAW service manual para. 4-13, 4-14. checked for fuel leaks none found.
DATE <u>29 May 84</u> T/T IN SERVICE <u>1560.8</u>				
Signature <u>[Signature]</u> w/08293				
Repair Station 109-2 Airframe-Class 3				
PENNSYLVANIA AVIATION, INC. BLUE BELL, PA 19422 REPAIR STATION 109-2				


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1560.8

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	1560.8		TOTAL brought forward from previous page
11-15-84	1622.1	622.1	Installed overhauled propeller P/N B2D34C212 S/N 973610.  THE AIRCRAFT OR COMPONENT IDENTIFIED ON REVERSE SIDE OR ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. (PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION).  WORK ORDER NO. <u>8793</u> DATE <u>11/15/84</u>  AUTHORIZED SIGNATURE <u>John G. Perzone</u> PIA PENNSYLVANIA AVIATION, INC. REPAIR STATION 1102 BLUE BELL, PA 19422
5-29-85	1636.9	636.9	COMPLETED ANNUAL INSPECTION THIS DATE: %w AD 76-07-12 (16N.170N) (SWITCH DATE <u>5-29-85</u> ) REPLACED ELT BATTERY (NEXT DUE MARCH 88), FUEL CAP O'RINGS, REPACKED WHEEL BEARINGS, GREASED GEAR. CHECKED FLIGHT CONTROLS & GEAR RIGGING. END
			HENRY WEBER AIRCRAFT DISTRIBUTORS, INC. LANCASTER AIRPORT, R. D. 3 LITIZ, PENNA. REP. STATION NO. 110-2 DETAILS OF THIS WORK ORDER ARE ON THE ORDER NO. 7299 INSPECTOR <u>Henry J. Smyth</u> AIRCRAFT 1436.9. ENGINE 1636.9. <del>SMOH 05</del> I CERTIFY THAT THIS AIRCRAFT <del>SMOH 05</del> HAS BEEN INSPECTED IN ACCORDANCE WITH (AN) <del>SMOH 05</del> ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.
11-13-85	1699.2	697.2	INSTALLED NEW DUKES GEAR MOTOR ASSY P/N 1057-00-5, S/N 0031. RECHECKED GEAR RIGGING & PRE-LOADS. REPAIRED FUEL LEAKS IN BOTH WINGS, WITH NEW PRC SEALANT & TOP COAT. RESEALED TWO LARGE UPPER PANELS, ON LEFT WING. RESEALED TWO LARGE UPPER PANELS, & LOWER SMALL PANEL ON RIGHT WING. RECOATED WING WALK AREA. END ENTRY
			MAINTENANCE RELEASE HENRY WEBER AIRCRAFT DISTRIBUTORS, INC. LANCASTER AIRPORT, R. D. 3 LITIZ, PENNA. The aircraft or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order No. <u>7537</u> Date <u>11-13-85</u> Inspector <u>Henry J. Smyth</u> Certified Repair Station No. 110-2

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7-13-87	1860.3	860.3	<p>COMPLETED ANNUAL INSPECTION THIS DATE: 7/13/87</p> <p>(SEE AD LISTING). REDUCED FUEL CAP O RINGS, VACUUM REGULATOR FILTER, BYRO AIR FILTER, ALL BRAKE LINING, LEFT MAIN GEAR DOOR STRINGER, MOONEY SB M20-208A, INSTALLED ALL NEW INTERIOR INSULATION, RESEALED ALL THREE CABIN WINDOWS.</p> <p>HENRY WEBER AIRCRAFT DISTRIBUTORS, INC. LANCASTER AIRPORT, R. D. 3 LITITZ, PENNA. DATE 7-13-87 REP. STATION NO. 110-2 DETAILS OF THIS WORK ORDER ARE ON THE ORDER NO. 8387 TACH 860.3 INSPECTOR <u>Larry J. Snyder</u> AIRCRAFT 1860.3L ENGINE 233.4 R. 50007 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A (AN) 100 HRS. ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p>
END ENTRY			
8/19/88	1951.91	951.91	<p>INSPECTED + SERVICED AIRCRAFT PER M20 SERVICE MANUAL FLUSHED + REPAINTED BATTERY BOX, RELINED BRAKES, REPLACED SUCTION REGULATOR FILTER, SANDED NOS FROM MAIN GEAR PUSH RODS + PAINTED, REPAIRED ALTERNATOR - END -</p>
 <b>HOLLY AERO, INC.</b> AIRCRAFT GROUND SERVICES MILLVILLE MUNICIPAL AIRPORT P.O. BOX 1073 MILLVILLE, NEW JERSEY 08332			<p>I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A 100-HOUR ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION            TIME IN SERVICE 1951 HRS. DATE 8-19-88</p>
	2051	1053	
8-15-89			<p>INSPECTED AIRCRAFT PER M20-J INSPECTION GUIDE; INSTALL NEW PLUGS, OIL CHANGE (15/50) AND FILTER; BAME PMS, 2 STMC WICKS, OIL ANALYSIS KIT, ELT BATTERY DUE 8-92; INSTALLED 8-89 STAINLESS STEEL SCREENS ON BELLY AND ACCESS PANELS WERE NEEDED; CORROSION CONTROL; BELLY AND GEAR SANDED AND PAINTED WHERE NEEDED. EXHAUST STACK SPACED AND WELDED - COMPLIED WITH MOONEY SB 208-A INSPECT TUBULAR STRUCTURE - AD'S TRAV 88-25-11 C/W</p>

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8-15-89	2051	1053	RAINBOW AVIATION MILLVILLE, N.J.
			Date <u>8-15-89</u> Total Aircraft time <u>2051</u> I certify this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Signature <u>John P. Murray</u> A&P No. 177325469 I.A.
			ARTEX AIRCRAFT SUPPLIES, INC. ARTEX 2400 S Skyline Dr. Cosby, OR 97013 (503)296-3600 800-547-6901 LOG BOOK ENTRY E.L.T. BATTERY REPLACEMENT DATE <u>8-92</u>
			_____ EWD _____
12-5-89			<ol style="list-style-type: none"> <li>1. AIRCRAFT COMPLETELY REFINISHED WITH DUPONT IMPRON (SEE INSIDE FRONT COVER FOR COLORS.</li> <li>2. Replaced MAIN TIRES.</li> <li>3. Bled BRAKES.</li> <li>4. Resealed FUEL TANK ACCESS PLATES on Lower LOST wing</li> <li>5. Removed CORROSION FROM Lower wing + Fuselage panels (SURFACE)</li> </ol>
8-8-90	1110.13		Replaced down lock switch plw m/s 24331- Cycled gear ops checked ok.
			Pertinent Details of this repair on file under Service Order <u>11175</u> Beechcraft East Inc. approved repair station FWR154K Authorized Signature <u>John P. Murray</u>

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9/15/90	2109.41	1111.41	<p>CLEAN &amp; LUBE WHEEL BAGS - LUBE GEAR &amp; ALL ROD END BAGS - BLEED L.H BRAKE - REPLACE C.N.T PROBE. JACK A/C RUN RETRACT TEST</p> <p>I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <del>100 HOUR</del> - ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. TIME IN SERVICE <u>2109.41</u> HRS. DATE <u>9/15/90</u></p> <p><i>Chas. W. Wasserman</i> CHAS. W. WASSERMAN 1A1929572A&amp;P</p>
9/15/91	1145.91		<p>Removed KN 62A Panel Unit &amp; Tray Installed Foster LPM 500 Loren C WT &amp; Bal &amp; Equip List updated See FAA 337 This date <i>Edward A. Steinhilber</i> for DF1084K</p>
10/19/91	1152.71		<p>CLEAN &amp; PACK WHEEL BAGS - RE-LUBE BRAKES - REPLACE BRAKE DISCS W/COMPENS Jack A/C RUN RETRACT TEST - LUBE A/C PER MOUNTAIN S/M.</p> <p>I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <del>100 HOUR</del> - ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. TIME IN SERVICE <u>2150.3</u> HRS. DATE <u>10/19/91</u></p> <p><i>Chas. W. Wasserman</i> CHAS. W. WASSERMAN 1A1929572A&amp;P</p>

11/9/92 21948 11948

Performed an annual inspection. Lubricated all control systems. Re-packed wheel Bearings. Serviced Battery. Serviced Brake Reserve. Replaced EUS Battery Pack (Next exp 11/91). Replaced Cabin Heat Flex Duct. Replaced Exhaust clamp. Replaced Panel Light Bulbs as Req'd. Alternative Replaced w/ overhauled Part from Electro Systems New S/N 2100822. Replaced 3 EGT Probes w/ Serviceable ones. Installed Blocker Fuel Cells per STC SA27770G. (See FAA Form 337 Th. Dat.) wtB Records Revised.

I certify this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

*Richard W. Newell* 1961756 IA

O & N AIRCRAFT  
SEAMANS AIRPORT  
FACTORYVILLE, PA 18419

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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12/10/93	2256.58	1256.58	<p>Performed an annual inspection. Lubricated all control systems. Serviced landing gear. Serviced Brake Reservoir. Repacked wheel bearings. Replaced wing flap indicator cable &amp; rigged. Replaced tail pipe strap hanger. Free up R/R Air Control. Replaced tail NAV light bulb. Replaced P/H Strobe bulb &amp; both Strobe lenses. Replaced Aileron trim. C/W AD 84-26-02 by installing Bracket Kit # 6210 per STC SA71GL.</p>
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I certify this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

I CERTIFY THAT THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43 APPENDIX F.

*Robert O. Danzi*  
1961756 JA

DATE: 12/10/93  
SIGNATURE: *Robert O. Danzi*

O & N AIRCRAFT MODIFICATIONS  
SEAMANS AIRPORT  
FACTORYVILLE, PA 18419  
CRS ONFR798K

1-4-95	2296.21	1296.21	<p>AD'S CK'd Fair Date: 1-4-95 Tot. time 2296 Tach time 1296.21</p> <p>LENG SOH 659.18 COMP THREE I certify that this (aircraft engine) has been inspected in accordance with</p> <p>PIZO P SCH 674.11 94-26, 1/2 AD AN ANNUAL inspection, and was determined to be in an airworthy condition.</p> <p>FILT 39.63 93-2-5, Lycoming <u><i>Robert O. Danzi</i></u></p> <p>ELT 2-97 Fuel Inj line Insb. 100 Robert O. Danzi A &amp; P 2116219 IA.</p> <p>ALT XPDR 312-95 DEF AT PRES. REPLACED ELT BATTERY, NEXT DUE 12-97, Tightened up NOSE GEAR STEERING Linkage, RETRACTED GEAR, CK'd Rigging, RESEALED RT BRAKE MASTER CYL, CLEANED, PAINTED BATTERY BOX, Adjusted Throttle Switch, REPAIRED FLAP POSITION INDICATOR, REPAIR STALL WARNING SYST. FREE UP P/S SAFETY</p>
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1997			TOTAL brought forward from previous page
4-4-97	CONTINUED →		<p>PLACARD INSTALLED ON INST. PANEL. EXHAUST &amp; MUFFLER INSPECTED. BATTERY SERVICED. PROP &amp; SPINNER INSPECTED TTSOH 764.06. AD'S CHECKED THRU 97-07 COMPLETE LIST AD LOG SECT.</p> <p>Edward J. Gibson AIP 14447213 C/W 76-12-07          BONDIX IG SW.</p> <p>Date 4-4-97 T.T. 2386.76 Tach: 1381.76</p> <p>I certify that this AC/engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p><i>Edward J. Gibson</i></p> <p>EDWARD J. GIBSON          AIP 14447213 IA</p>
4-11-97			<p>1381.89 INSTALLED ARTEX ALT BATT. IN ALANT SO 6.7 AND TESTED -OK INSTALLED NEW RTWING</p> <p><del>JIP SIMON</del> PUR. SUPPLY R490-T-CF-14/28          SN 02763 REV R. E. J. L. AIP 14447213</p>
<p>MAS BEEN INSPECTED</p> <p>INSPECTION AND</p> <p>100 HOUR ANNUAL INSPECTION AND</p> <p>CONDITION AIRWORTHY</p> <p>SERVICE DATE</p> <p>CERT NO.</p> <p>AIRWAY SUPPORT SERVICES, INC.</p> <p>SUB-TOTAL this page</p>			

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5-1-98	2401.88	1401.88	INSPECTED + SERVICED AIRCRAFT PER M20J SERVICE MANUAL, MADE FIBERGLASS REPAIRS TO TOP + BOTTOM COWL, REPAIRED LEFT COWL FLAP CHANNEL, REATTACHED RIGHT OUTBOARD COWL FLAP HINGE BRACKET, REPLACED
			REPLACED RUBBER PLUGS ON MUFFLER SHROUD. REPLACED

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Signed  
No. 06  
Work O  
Parti  
Air Reg  
was repa  
The a

~~AVIATION SUPPORT SERVICES, INC.~~  
~~1000 MILVILLE MUNICIPAL AIRPORT~~  
~~MILVILLE, NJ 08332~~  
~~PHONE (609) 426-4200~~  
~~FAX (609) 426-4201~~

D

Aircraft Log Entry N201RZ Tach 1444.39, TTA 2444.39  
 Inspected and serviced aircraft per M20J Service Manual. C/W AD98-24-11 and S.B. M20-264 by replacing aileron control links with LASAR FAA/PMA parts p/n LA73005-1 and 730006.000 (reinforced). C/W AD85-24-03B, reinspection of fuel caps. C/W AD76-07-12 functional check of Bendix switch. Replaced right wingtip strobe flashtube. Replaced ELT battery (due 6/01), tested and inspected ELT per FAR91.207d. END

IN ACCORDANCE WITH A 100-HOUR ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.  
 TIME IN SERVICE 2444.37 HRS. DATE 6/22/98

Bruce M. [Signature] 20739841A  
 NAME \_\_\_\_\_ CERT. NO. \_\_\_\_\_

**AVIATION SUPPORT SERVICES, INC.**  
 Milville Municipal Airport • P.O. Box 26 • Milville, NJ 08332

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Aviation Support Services, Inc.  
MIV  
Aircraft Log Entry N201RZ. Tach 1517.10,  
TTA 2517.0. 9/6/00

Inspected and serviced aircraft per M20 inspection guide. R&R engine for IRAN, reinstalled with new Lord mounts. Replaced fuel hoses firewall forward. Repaired/replaced baffles as req. Replaced exhaust pipe to firewall strap. Installed front shoulder harness kit per Mooney drawing #940044 under T.C. 2A3. C/W AD85-24-03(B) by reinspection of fuel caps. Tested/inspected ELT per FAR91.207d.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ~~100~~ HOUR-ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.  
TIME IN SERVICE 2517.0 HRS. DATE 9/6/00

Bruce M. Long 2073984IA  
NAME CERT. NO.

AVIATION SUPPORT SERVICES, INC.  
Millville Municipal Airport • P.O. Box 26 • Millville, NJ 08332  
HANGAR (609) 327-4536 OFFICE (609) 825-7371

12/26/00

1547.76

Replaced EXHAUST TAILPIPE.

Bruce M. Long 2073984IA

4/1/02

1595.4

REPLACED RT TIRE & TUBE, PACKED BEARINGS <sup>RT & LT 1975SS</sup>

Aviation Support Services, Inc.  
MIV

Aircraft Log Entry N201RZ. Tach 1630.62,  
TTA 2630.62. 10/8/01

Inspected and serviced aircraft per M20 inspection guide. Trimmed ragged corner of left cowl flap and added stiffener. Serviced magnetic compass, replaced retaining screw, calibrated on compass rose and installed card. Remarked switches as req. Replaced both fuel tank sump drains. Adjusted gear down limit switch, rechecked over-center tension. Replaced ELT with Artex ELT-200 s/n E-04875, wt. and bal. change is negligible. (battery due 7/03). Reattached ram air flange seal. Reshimmed lower left main gear door for better fit. C/W AD76-07-12 by functional check of Bendix switch. C/W AD84-24-03 (b) by reinspection of fuel caps. END

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ~~100~~ HOUR-ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.  
TIME IN SERVICE 2630.62 HRS. DATE 10/8/01

Bruce M. Long 2073984IA  
NAME CERT. NO.

AVIATION SUPPORT SERVICES, INC.  
Millville Municipal Airport • P.O. Box 26 • Millville, NJ 08332  
HANGAR (609) 327-4536 OFFICE (609) 825-7371

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11/29/02	251.1	1772.44	Replaced SPONDER ANTENNA <i>Harold R. Wolf</i> 296625187 AP
			1-22-03 N201RZ Mooney M20J sn 24-0327 Tach 1782.06
			Reinstalled Dukes 1057-00-5 sn 41237 landing gear actuator after overhaul by George's Electrical Service see yellow tag dated 1-14-03. Ground tests passed.
			<i>Harold R. Wolf</i> 296625187 AP for Mod Works, Inc. Harold R. Wolf Punta Gorda, FL.



**LOG BOOK SUPPLEMENT**

A/C MAKE: <b>Mooney</b>	MODEL: <b>20J</b>
REGISTRATION NO. <b>N201RZ S/N 24-0327</b>	DATE: <b>02/14/2003</b>
STRIP AND PAINT POLYURETHENE	
PRIMARY: <b>Matterhorn White G8003 AwlGrip</b>	
TRIM: <b>Aristo Blue G5003 AwlGrip</b>	
TRIM: <b>Vivid Red G7367 AwlGrip</b>	
CUSTOM PAINTED BY: <b>Stuart Aircraft Refinishing, Inc.</b>	
The aircraft was stripped, alodined, primed and painted with the above following colors. The primary and secondary flight control were removed, the primary flight controls were checked for balance and reinstalled back on aircraft. All work was performed to manufactures manuals and specifications END.	

SIGNATURE *Harold R. Wolf* LIN. NO. A+P 333527899

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
9-18-03	2816.9	1816.9	Serviced + Lubed Aircraft. Propeller removed + Replaced (over Hatched) See Populva Book (Log). Adjusted Left Aircon Tanks @ Achenon Park. Replaced ELT Battery Next Due NOV 2005 checked ELT IAW FAR 91.207 D OK. checked Bank G/W IAW AD: 76-07-12 OK, Inspected Fuel Cells IAW AD-85-24-03 b OK, checked Landing Gear Cycle Retract + Extend x4 OK. checked AD's Thigh Issue 2003-18-17 No New Noted.  I certify that this <u>Aircraft</u> has been inspected IAW an Annual/100hr inspection IAW FAR 43 apx. D and/or manufactures Sm <u>M-20-Sm</u> and has been determined to be in an <u>airworthy</u> condition at this time. See details listed in above entry this date. TT <u>2816.9</u> Hobbs/Tach <u>1816.9</u> Name <u>John Swasey</u> A&P <u>231195480</u> - IA Signed <u>John Swasey</u>  END
1-19-04	2846.9	1846.9	Replaced Cowl Flaps Actuation Cable + Replaced w/ New Cable (owner provided) Rigged to Safety OPS OK OK. John Swasey AIP231195480 IA <u>John Swasey</u>
12-15-04	2860.9	1860.9	Serviced + Lubed Aircraft, checked ELT IAW FAR 91.207 D OK, Battery next Due NOV 2005, checked AD's Thigh Issue 2004-24-04 No New Noted: C/W AD. 93-02-05 Fuel Injection Lines OK next Due 12-31-2005 or Tach 1960.9 Landing Gear Retract Test OK R3, Owner notified of Transponder/Altitude/Static System check Due. Continue →

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
14/15-04	2860.9	1860.9	<p>Carter → I certify that this Aircraft _____ has been inspected IAW an Annual/100hr inspection IAW FAR43 apx. D and/or manufacturer's M20-400 and has been determined to be in an airworthy condition at this time. See details listed in above entry this date.</p> <p>TT 2860.9 Hobbs/Tach 1860.9 Name John Swasey A&amp;P 2311954 50 IA Signed <i>[Signature]</i></p>
02-03-06	1883.1		<p>Serviced Aircraft 2A11 Mooney M20 Seawind Lube &amp; Grease Undercarriage. Check ELT 2A11 FAR 41.207 D OK Owner Informed Battery Due Now For Change. checked AD's Though Issue 2006-08-31 The Following Nited: C/N 93-02-05 Fuel Injection Ops &amp; Daily Check-OK next Due 2-31-07 or Tach 1983.1 2005-A-11 Engine Lock State N/A by M/W, 2005-25-04 OHX Fuel Bidders, N/A not installed, 2005-12-06 Magnet in fact Due @ Tach 2016.9. Landing Gear Retract Tank OK, Must Let's New Gear Door. I Certify That This Aircraft has been Inspected IAW AN Annual Inspection and Has been Determined To Be in An Airworthy Condition at This Time John Swasey AIP 231195470 IA <i>[Signature]</i></p>

**Flightline Aero/Marine Service, Inc. Hanger 4A, Woodbine Airport, NJ 08270**  
**LOG ENTRY**

**N201RZ**      **Mooney M20J**      **S/N 24-0327**      **Tach Time 1895.3**      **November 14, 2006**

1. Removed deteriorated hoses from vacuum regulator to instruments and replaced garter filter B3-5-1.
2. Replaced L/H main tire with new condor 600X6 6 ply.
3. Removed ELT and installed new 452-3003 ELT battery and tested unit per FAR 91.207d. Battery next due 11/08.

Edward J. Gibson *[Signature]*      A&P 2632796 IA

SUB-TOTAL this page

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

N201RZ Mooney M20J S/N 24-0327 Tach.Time 1897.0  
 May 4, 2007 McCauley B2D34C212 S/N 773610 PTT 2924.0 SOH 80.1  
 TTAC 2897.00 Lycoming IO-360-A3B6D S/N L-17850-51A SMOH 1250.55 Eng.TT 2897.0

1. Annual/100 hour inspection per Mooney M20 Maintenance Manual and inspection sheet.
2. All brakes inspected and brake fluid serviced.
3. All wheel bearings cleaned and serviced. Nose wheel bearings replaced with new 08125 bearings and 08231 races. Main and nose gear door hardware and ball ends replaced as required, (4) F34-14N and (1) rod link assy 550069-501, doors adjusted for fit. Raised and lowered landing gear several times, emergency extension done. Emergency system and warnings checked. Entire gear system lubed per maintenance manual.
4. Fuel strainer inspected and new seals installed.
5. New air filter BA 6205 installed. New vacuum filter B3-5-1 installed.
6. E.I.T tested per FAR 91.207d. Battery good thru 10/08.
7. AD 76-07-12R1 Bendix ignition switch C/W ops & function check. Next due 2997 TT.
8. Removed alternator and installed overhauled Kelly Aerospace P/N ALY-8520, S/N G113824.
9. Removed muffler due to crack and replaced with overhauled Dawley 630045-503 muffler assy. Installed (2) new Insight 2870 EGT probes on #2 & #4.
10. Replaced all hardware in baggage access door with new Southco's.
11. Replaced tail navigation light bulb with new GE 93.
12. Installed replacement fuel supply hose 624000-6-0202 Aeroquip.
13. Complete AD list attached.
14. All control movements checked and entire aircraft lubed per maintenance manual.

Edward J. Gibson *Edward J. Gibson* A&P2632796 May 4, 2007  
 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
 Edward J. Gibson *Edward J. Gibson* A&P 2632796 IA May 4, 2007  
 FLIGHTLINE AERO/MARINE SERVICES, INC \* 655 HENRY DeCINQUE BLVD. \* WOODBINE, NJ 08270 \* 609-861-1799

N201RZ Mooney M20J S/N 24-0327 Tach.Time 1897.0  
 July 18, 2008 McCauley B2D34C212 S/N 773610 PTT 2928.1 SOH 84.2  
 TTAC 2901.1 Lycoming IO-360-A3B6D S/N L-17850-51A SMOH 1254.65 Eng.TT 2901.1

1. Annual/100 hour inspection per Mooney M20 Maintenance Manual and inspection sheet.
2. All brakes inspected and brake fluid serviced.
3. All wheel bearings cleaned and serviced. Raised and lowered landing gear several times, emergency extension done. Emergency system and warnings checked. Entire gear system lubed per maintenance manual.
4. Fuel strainer inspected and new seals installed.
5. New air filter BA 6205 installed. New vacuum filter B3-5-1 installed.
6. New 452-3063 ELT battery installed and E.I.T tested per FAR 91.207d. Battery good thru 06/10.
7. Replaced Bendix ignition switch with new 10-357210-1 switch, AD 76-07-12 R1 no longer applies.
8. SVS 1 system removed and aircraft returned to original.
9. Complete AD list attached.
10. All control movements checked and entire aircraft lubed per maintenance manual.

Edward J. Gibson *Edward J. Gibson* A&P2632796 July 18, 2008  
 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
 Edward J. Gibson *Edward J. Gibson* A&P 2632796 IA July 18, 2008  
 FLIGHTLINE AERO/MARINE SERVICES, INC \* 655 HENRY DeCINQUE BLVD. \* WOODBINE, NJ 08270 \* 609-861-1799

N201RZ Mooney M20J S/N 24-0327 Tach.Time 1897.0  
 September 19, 2009 McCauley B2D34C212 S/N 773610 PTT 2937.6 SOH 93.7  
 TTAC 2910.6 Lycoming IO-360-A3B6D S/N L-17850-51A SMOH 1268.25 Eng.TT 2910.6

1. Annual/100 hour inspection per Mooney M20 Maintenance Manual and inspection sheet.
2. All brakes inspected, new linings installed right side, re-sealed right caliber and bleed and brake fluid serviced.
3. All wheel bearings cleaned and serviced. Raised and lowered landing gear several times, emergency extension done. Emergency system and warnings checked, new gear warning horn installed. Entire gear system lubed per maintenance manual.
4. Fuel strainer inspected and new seals installed.
5. New air filter BA 6205 installed. New vacuum filter B3-5-1 and 1J10-1 installed.
6. E.I.T tested per FAR 91.207d. Battery good thru 06/10.
7. Replaced in-op stall warning horn with new.
8. Removed cabin door seal and installed new.
9. Complete AD list attached.
10. All control movements checked and entire aircraft lubed per maintenance manual.

Edward J. Gibson *Edward J. Gibson* A&P2632796 September 19, 2009  
 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
 Edward J. Gibson *Edward J. Gibson* A&P 2632796 IA September 19, 2009

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
N201RZ April 16, 2010	Mooney M20J McCauley B2D34C212 Lycoming IO-360-A3B6D	S/N 24-0327 S/N 773610 S/N L-17850-51A	Tach.Time 1912.7 PTT 2953.3 SOH 109.4 SMOH 1283.95 Eng.TT <del>2926.3</del> 1. Removed manifold/fuel pressure gauge and shipped to Kelly Instruments for overhaul. Re-installed after overhaul. <u>2912.7</u> Edward J. Gibson <i>Ed Gibson</i> A&P 2632796 IA April 16, 2010 FLIGHTLINE AERO/MARINE SERVICES, INC * 655 HENRY DeCINQUE BLVD.* WOODBINE, NJ 08270 * 609-861-1799
N201RZ February 4, 2011	Mooney M20J McCauley B2D34C212 Lycoming IO-360-A3B6D	S/N 24-0327 S/N 773610 S/N L-17850-51A	Tach.Time 1913.0 PTT 2913.0 SOH 96.1 SMOH 1266.6 Eng.TT 2913.0 1. Annual/100 hour inspection per Mooney M20 Maintenance Manual and inspection sheet. 2. All brakes inspected new rotors 164-02000 installed and new linings installed left side, brakes bleed and brake fluid serviced. 3. All wheel bearings cleaned and serviced. Raised and lowered landing gear several times, emergency extension done. Emergency system and warnings checked, new gear down switch ICHI-6 installed and adjusted per maintenance manual. Entire gear system lubed per maintenance manual. 4. Fuel strainer inspected and new seals installed. 5. New air filter BA 6205 installed. New vacuum filter B3-5-1 installed. 6. New ELT battery installed and ELT tested per FAR 91.207d. <i>Battery good thru 03-2013.</i> 7. New landing light bulb installed GE4522. 8. Complete AD list attached. 9. All control movements checked and entire aircraft lubed per maintenance manual. Edward J. Gibson <i>Ed Gibson</i> A&P2632796 February 4, 2011 I certify that this <i>aircraft</i> has been inspected in accordance with an <i>annual</i> inspection and was determined to be in an airworthy condition. Edward J. Gibson <i>Ed Gibson</i> A&P 2632796 IA February 4, 2011 FLIGHTLINE AERO/MARINE SERVICES, INC * 655 HENRY DeCINQUE BLVD.* WOODBINE, NJ 08270 * 609-861-1799
<b>Feb/022/2012 N201RZ Mooney M20J Ser#24-0327 Tach: 1939.03 ACTT:2939.0</b> <b>Lycoming IO-360-A3B6D Ser# L-17850-51A TSMO:1292.6 ETT: 2939.0</b> <b>McCauley B2D34C212 Ser#773610 PTSMO:122.1 PTT2979.3</b>			
<p>C/W FAR 91.207(d) ELT mount &amp; ops check OK. ELT battery replacement due next MAR-2013. C/W AD11-26-04 Fuel inj lines, route and clamps ok, no cracks noted. All brakes and reservoir serviced. Installed new tire on the nose gear. Landing gear retraction and emergence gear down op's check ok. AD 05-16-12 Bendix mag inspection due at 2016 tach time. All AD's C/W thru this date. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.</p> <p style="text-align: center;">Kirk Knepper <i>Kirk Knepper</i> A&amp;P522199032 IA</p>			
<b>Poor Boy Avionics</b> <b>8734 Hanger Road, San Angelo, Texas 76904</b> <b>N201RZ Mooney 201J Serial No. 240327 Total Time: 2989.7 Tach: 1989.7</b> <b>Date: December 18, 2012</b> Accomplished the following maintenance items: Removed and replaced R/H main tire & tube. Installed new 6.00-6 6ply tire s/n B3E44212 & tube. Torqued wheel 1/2s to 150" lbs. as per wheel assembly instructions using torque wrench s/n 0309045475 due cal. <u>3/30/13.</u> Removed both L/H & R/H lower gear doors as per owner request. This is approved for dirt strip operations as per the operators flight manual. Details of work performed are on file at this work center under Work Order number: 1334. All necessary leak checks and operational checks were performed and no defects were noted. This aircraft is approved for return to service . <i>Andrew M. Bush</i> <b>Andrew M. Bush</b> <b>AP 3456641 IA</b>			
<b>SUB-TOTAL</b> this page			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>Cude Aviation Service PO Box 60133 San Angelo, TX 76906-0133</p> <p>3-14-2013 N201RZ s/n: 24-0327 Tach: 1994.30 TTAF: 2994.30 This aircraft has been inspected and found to be in safe condition for ferry flight from Ducote Airpark, San Angelo, Texas to Mathis Field, San Angelo, Texas. All applicable AD's have been complied. George Cude Jr IA2691937 <i>George Cude Jr</i></p>			

<p>Cude Aviation Service PO Box 60133 San Angelo, TX 76906-0133</p> <p>3-14-2013 N201RZ s/n: 24-0327 Tach: 1994.30 TTAF: 2994.30 C/W AD 2012-05-09 per Mooney Service Bulletin M20-313-1 by inspection of trim fitting, hinge, and filler plate for correct "Stack Position". Mounting components were stacked correctly and Huckbolts / Collars were secure. Faxed completed service bulletin report to Mooney. George Cude Jr IA2691937 <i>George Cude Jr</i></p>			
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<p>Cude Aviation Service PO Box 60133 San Angelo, TX 76906-0133</p> <p>4-11-2013 N201RZ s/n: 24-0327 Tach: 1994.30 TTAF: 2994.30 C/W Annual Inspection per Mooney M20J Inspection Guide and 14 CFR Part 43 Appendix D. C/W FAR 91.207 by inspection / operation of ELT. Checked OK. Battery pack good thru 3-2013. New battery pack on order. Inspected and lubed flight controls. Landing gear and retraction system inspection checked OK. Repacked all wheel bearings. Set tire air pressure. Install new induction air filter BA 6205. Inspection of alternate air door checked OK. C/W AD85-24-03 by inspection of fuel filler caps. Checked OK. AD's checked thru 4-11-2013. For complete list of AD's, see A/C records. Ground OPS check OK. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition. George Cude Jr IA2691937 <i>George Cude Jr</i></p>			
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4-13-13	2994.3	1994.3	REMOVED ELT BATTERY AND REPLACED WITH
			NEW BATTERY # 452-3063. NEXT ELT BATTERY
			DUE 12/15, ELT OPS CHECKED OK. MARK KATOC'S OWNER

SUB-TOTAL this page **ACR ELECTRONICS, Inc.** Fort Lauderdale, FL 33312 CAGE Code: 18560  
**ARTEX PRODUCTS**  
**ELT-200 BATTERY PACK** PILOT CERT # 3345244

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Cude Aviation Service  
 PO Box 60133  
 San Angelo, TX 76906-0133

5-21-2014 N201RZ s/n: 24-0327 Tach: 2047.44 TTAF: 3047.44 C/W Annual Inspection per Mooney M20J Inspection Guide and 14 CFR Part 43 Appendix D. C/W FAR 91.207 by inspection / operation of ELT. Checked OK. Battery pack good thru 12-2015. Inspected and lubed flight controls. Landing gear and retraction system inspection checked OK. Repacked all wheel bearings. Installed new wheel bearings p/n: 13889 and races p/n: 13836 in left side wheel both inside and outside positions. Installed new "O" ring in left side brake. Set tire air pressure. Inspection of alternate air door checked OK. Inspected exhaust system, Checked OK. C/W AD85-24-03 by inspection of fuel filler caps. Checked OK. A/C battery which is sealed checked OK. AD's checked thru 4-11-2013. For complete list of AD's, see A/C records. Ground OPS check OK. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition. George Cude Jr IA2691937

*George Cude Jr*

Cude Aviation Service  
 PO Box 60133  
 San Angelo, TX 76906-0133

8-5-2015 N201RZ s/n: 24-0327 Tach: 2070.88 TTAF: 3070.88 C/W Annual Inspection per Mooney M20J Inspection Guide and 14 CFR Part 43 Appendix D. C/W FAR 91.207 by inspection / activation of ELT. Checked OK. Battery pack good thru 12-2015. Inspected and lubed flight controls. Landing gear and retraction system inspection checked OK. Repacked all wheel bearings. Installed new Air Hawk tire 6.00-6 6 ply and new Aero Classic 6.00-6 Type III Leakguard tube on left main. Set tire air pressures. Induction air filter checked OK. Inspection of alternate air door checked OK. Inspected exhaust system, Checked OK. C/W AD85-24-03 by inspection of fuel filler caps. Checked OK. A/C battery which is sealed checked OK. Installed new U1512 14V 21W nav light bulb on left side. AD's checked thru 8-4-2015. For complete list of AD's, see A/C records. Ground OPS check OK. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition. George Cude Jr IA2691937

*George Cude Jr*

Cude Aviation Service  
 PO Box 60133  
 San Angelo, TX 76906-0133

11-17-2017 N201RZ s/n: 24-0327 Tach: 2071.60 TTAF: 3071.60 C/W Annual Inspection per Mooney M20J Inspection Guide and 14 CFR Part 43 Appendix D. C/W FAR 91.207 by inspection / activation of ELT. Checked OK. Installed new battery pack ELT-200 good thru Aug-2020. Inspected and lubed flight controls. Landing gear and retraction system inspection checked OK. Inspected all wheels, wheel bearings, and brakes. Set tire air pressures. Inspection of alternate air door checked OK. Inspected exhaust system. Checked OK. C/W AD85-24-03 by inspection of fuel filler caps. Checked OK. Inspected gascolator. Checked OK. A/C battery which is sealed checked OK. AD 2017-16-11 DNA by Date. AD's checked thru 11-8-2017. For complete list of AD's, see A/C records. Ground OPS check OK. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

George Cude Jr IA2691937  
*George Cude Jr*

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Cude Aviation Service  
 PO Box 60133  
 San Angelo, TX 76906-0133

2-25-2018 N201RZ s/n: 24-0327 Tach: 2071.60 TTAF: 3071.60 Removed non-working starter weighting 16.8 lbs. Installed new Hartzell model 149NL weighting 9.3 lbs. Aircraft weight and balance has been updated. Ground OPS check OK. *Sky-Tec* George Cude Jr IA2691937

*George Cude Jr*

. New Empty Weight	1765.7 Pounds
. New Empty CG	45.52502 Inches
. New Empty Weight CG Moment	80383.52 Inch/Pounds
. Max Gross Weight	2740 Pounds
. New Useful Load	974.3 Pounds

**This new weight & balance information supersedes all previous weight and balance data. For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.**

FAA Form 337 Completed: 25-Feb-18  
 Equipment List Amended: 25-Feb-18

Signature: *George Cude Jr* Date: 25-Feb-18  
 Certificate No. IA 2691937  
 Notes:

Cude Aviation Service  
 PO Box 60133  
 San Angelo, TX 76906-0133

12-13-2018 N201RZ s/n: 24-0327 Tach: 2076.69 TTAF: 3076.69 C/W Annual Inspection per Mooney M20J Inspection Guide and 14 CFR Part 43 Appendix D. C/W FAR 91.207 by inspection / activation of ELT. Checked OK. Battery pack ELT-200 good thru Aug-2020. Inspected and lubed flight controls. A/C battery which is sealed checked OK. Landing gear retraction system inspected and operation checked OK. Inspected all wheels, wheel bearings, and brakes. Repacked all wheel bearings. Set tire air pressures. Removed nose gear shock absorber per Mooney Aircraft document number 940052. Weight and balance has been updated in A/C file and POH. FAA form 337 has been completed and filed with FAA. C/W AD85-24-03 by inspection of fuel filler caps. Checked OK. AD's checked thru 12-9-2018. For complete list of AD's, see A/C records. Ground OPS check OK. I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

George Cude Jr IA2691937  
*George Cude Jr*

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

<b>REG #</b>	<b>N201RZ</b>	<b>DATE</b>	5/30/2019
<b>MODEL</b>	Mooney 201J	<b>TACH</b>	2111.18
<b>SERIAL #</b>	24-0327	<b>A/C TT</b>	
		<b>CYCLES</b>	

**LOGBOOK INSERT**

1. Removed the existing stormscope indicator and clock from the instrument panel.
2. Installed the JPI EDM-830 indicator in the mounting receptacle that the clock was in.
3. Installed a JPI EDM-830 indication system per STC SA2586NM using the installation manual for the EGT-701 report #103 Revision E dated 1/20/09. Installation included the oil temperature, oil pressure, manifold pressure, RPM, and OAT probe installation options.
4. Installed the JPI fuel flow transmitter option on the EDM-830 IAW the installation manual report #503 dated 3/14/97. The K-factor of the installed transmitter was 26.95.
5. See 337 form filed this date.
6. Removed and replaced alternator field wire terminal end with new.
7. Amended weight and balance. Entered in aircraft records.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service.

DATE 5/30/2019 SIGNED Thomas W. Thunstrom A/P 476860448 IA  
 Thomas W. Thunstrom A/P 476860448 IA

Mooney M20 J Serial # 24-0327 N201RZ

3/12/2020 2135.89 Tach 3135.89 Total Time  
 Annual inspection aircraft. Inspected structure and skin. Inspected and lubricated all flight controls, push-pull tubes, guides, bearings and bell cranks. Serviced wheels, brakes, and A/C battery. Jacked up aircraft for landing gear retraction, all systems operated satisfactory. Checked main and nose gear preload torques. E.L.T. tested in accordance with FAR 91.207(d), battery replacement due: Aug. 2020. Check Airworthiness Directive compliance Report this date.  
 Removed left wingtip nav. & strobe lite and installed uAvionix skyBeacon part # UAV-1001856-002 unit in accordance with instructions in User and Installation Guide, UAV-1001421-001 Rev.F. ADS-B Out alteration is documented in the aircraft maintenance record log book per section 43.9(a) with the statement. The installed ADS-B Out system was shown to meet the equipment performance requirements of 14 CFR section 91.227.

I certify that this aircraft has been thoroughly inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Bryson Klinge A&P2225109 I.A.

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### Aircraft Weight and Balance Revision

Tail Number: <b>N201RZ</b>		Date: 12/30/19		
Prepared by: Bryce Klinger 24751 N. Wall Lake Dr. Fergus falls, Mn. 56537		Work Order No:		
		Type Certificate Data No: 2A3		
Aircraft Make: Mooney	Model: M20J	Serial No: 24-0327	Time: 2135.8 Tach-3130.8 Total T	
Registered Owner: Aerolife Aviation LLC		Address: 427 W. Lincoln Ave. Fergus Falls, Mn. 56537		
Maximum Weight <b>2740</b>		CG Range FWD <b>45</b> AFT <b>50.1</b>		
As Received; Date of Previous Weight and Balance: 5/30/2019	<b>Useful Load:</b> 976.4	<b>EW:</b> 1763.6	<b>EWCG:</b> 45.6	<b>Moment:</b> 80394.1
Notes:				
		<b>Weight</b>	<b>Arm</b>	<b>Moment</b>
Removed XN62A		-1.80	3.68	-6.62
Removed LRN-500		-3.09	3.68	-11.37
Removed KR86		-2.80	3.68	-10.30
Removed E.G.T		-0.60	3.68	-2.21
Removed Radio Rack		-2.20	3.68	-8.10
		0.00	0.00	0.00
		0.00	0.00	0.00
		0.00	0.00	0.00
		0.00	0.00	0.00
		0.00	0.00	0.00
<input checked="" type="checkbox"/> As Calculated <input type="checkbox"/> As Weighed		<b>New Empty Weight CG</b>  <b>45.84</b>		<b>New Useful Load</b>  <b>986.89</b>
Moment <span style="float: right;">80355.50</span> <hr/> Weight <span style="float: right;">1753.11</span>		Signature <div style="text-align: center;"><i>Bryce Klinger</i></div>		
		Repair Agency or License No: A&P 2225109 IA		