

Log #3
From 7-8-2009
To: 1-2-2021



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Mooney Aircraft Corp. Model M20J
Serial 24-0390 Registration Number N201UW
Date of Manufacture 1977

Engine(s) currently installed:

Manufacturer Lycoming Model I0-360-A3B6D Serial L-18257-51A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCawley Model BAD34C214-B
HUB Model G-90DHB-LE Serial LE033 Serial LE037

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR:

DATE



Waukesha County Airport / Crites Field
2441 Aviation Drive
Waukesha, WI 53188
(800) 443-4490
FAA# NC5D062N

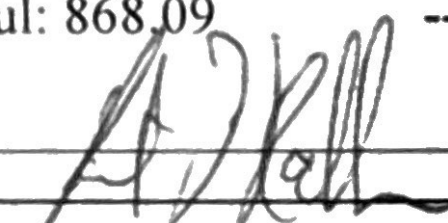
AIRCRAFT LOG ENTRY

N# 201UW

DESCRIPTION OF WORK DONE:

Completed installation of customer supplied WxWorx REWXID XM Receiver with a customer supplied Comant CI401-460 XM/GPS Antenna S/N 236312. Function tested system and found to meet MPS. Removed loaner Narco MK-12D Nav/Com S/N 60159 from aircraft and reinstalled customer's repaired #2 Narco MK-12D Nav/Com S/N 356. Function tested and found to meet MPS. All work was done and tested in accordance with AC 43.13 1B/2A and manufacturer's install manuals. Revised weight and balance information this date. RADIO ID: 746MY0R2

New Empty: 1871.91 New CG: 43.5185 New Useful: 868.09 ----END----

Date: 7/08/2009 Tach: 3589.33 W.O.# 506022 Signed: 

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the above work order number.

1-800-443-4490

SKYCOM AVIONICS, INC.

N # 2014W**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

TEST ALT. x 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL. ± FT.	20	20	20	20 70	25	30 70	30 70	35	70	40	60	80 80	90	100	90	110	
ACTUAL FRICTION	0	-5	-10	-15 30	-10	-5 20	-10 20	-15	20	-25	-35	-30 30	-10	-5	30	+5	
TEST ALT. x 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)							
TOL. ± FT.	120	130 100	140	155 120	180 140	205 160	230 180	255	280 250	28.10	28.50	29.00	29.50	29.92	30.50	30.90	30.99
ACTUAL FRICTION	+15	+25 40	X	X	X	X	X	X	X	1735	1745	865	400	0	525	845	920
HYSTERESIS (TOL. ± 75 FT.): MAX.				50% +25		40% MAX.		+10		AFTER EFFECT (TOL. 30 FT.): OK				CASE LEAK: OK			

ALTIMETER MAKE: United InstrumentsMODEL: 5934 R-1S/N: OH 418BLIND ENCODER MAKE: NascoMODEL: AR 850S/N: 80084TRANSPONDER MAKE: NascoMODEL: AT 165S/N: 110504CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411

CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.

CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.

CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 7-17-09 Tach/Hobb: 3596.74 W.O. 506051 Signed: [Signature]

WAUKESHA COUNTY AIRPORT / CRITES FIELD

WAUKESHA, WI 53188

FAA NO. NC50062N

YEAR: RECORDING TODAY'S TOTAL Description of Inspections. Tests. Repairs and Alterations

DATE



Waukesha County Airport / Crites Field
2441 Aviation Drive
Waukesha, WI 53188
(800) 443-4490
FAA# NC5D062N

AIRCRAFT LOG ENTRY

N# 201UW

DESCRIPTION OF WORK DONE:

Removed loaner Narco AT-150 Transponder S/N 14319 from aircraft and installed a new direct replacement Narco AT-165 Transponder S/B 110504. Lubricated o-ring at drain valve to repair static leak. Completed Altimeter, Static, Transponder, Encoder Certification this date (see Altimeter, Static, Transponder, Encoder Certificate for full certification). Fabricated coax cable and installed customer supplied GPS Receiver for tablet PC on yoke. GPS ID: AW151QB. All work was done and tested in accordance with AC 43.13 1B/2A and manufacturer's install manuals. ----END----

Date: 7/17/2009 Tach: 3596.76 W.O.# 506051 Signed: _____

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the above work order number.

DATE: 9-3-09
YE: TACH:3612.53
— N201UW
DA:



Midwest M20 Sales and Service
#2 Airport Road
Flora, IL 62839

or Repair

— PERFORMED ANNUAL INSPECTION IAW MOONEY M20J 100HR/ANNUAL
— INSPECTION CHECK LIST. JACKED AIRCRAFT AND CHECKED GEAR OPERATION
— ELECTRICLY AND EMERGENCY . CHECKED PRELOADS AND FOUND TO BE WITHIN
— PRESCRIBED LIMITS. LUBED GEAR AND CHECKED SHOCK DISK HEIGHT AND
— FOUND WITHIN LIMITS. CHANGED BRAKE PADS ON LH BRAKE SYSTEM.
— REMOVED AND REPLACED BOTH CALIPER PUCKS P/N:MS28775-224. BLED BRAKE
— SYSTEM. STOP DRILLED LH LANDING GEAR AUX DOOR CRACK. REMOVED AND
— REPLACED GARTER FILTER. ADJUSTED RH FUEL LO LEVEL LIGHT IAW MANUAL #
— 123 24-33-00 ITEM 4A.REMOVED CORROSION FROM TOP OF FUSELAGE OVER
— BAGGAGE COMPARTMENT AND ETCHED, ALODINED AND PAINTED AREA.
— RELOCATED GPS RECEIVER FROM BATTERY COMPARTMENT TO HAT
— RACK.REPLACED BATTERY DUE TO 38% CAPACITANCE WITH NEW BATTERY
— PN:RG-35AXC.REMOVED AND REPLACED #2 TRIM TUBE P/N:915026-009. INSTALLED
— NEW CABIN DOOR SEAL P/N:ADS1200-201 IAW AIRCRAFT DOOR SEALS
— INSTALLATION INSTRUCTION M1001 REV 1. INSTALLED INSULATION TO CABIN
— DOOR INTERIOR. LUBRICATED TRIM SYSTEM. PERFORMED INSPECTION OF
— TUBULAR STRUCTURE IAW SB M20-208B.STOP DRILLED CRACK IN FIREWALL ON

DATE _____

or Repair

—MATTHEW T LOVETT AP/IA3155323

[illegible]

YEAR: _____ 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.)
------------------------	---------------------------	-------------------	-----------------------------	--

DATE: 8-12-09

TACH: 3603.6

N201UW



Midwest M20 Sales and Service

#2 Airport Road

Flora, IL 62839

REMOVED AND REPLACED GEAR WARNING HORN P/N: SC628P. OPS CHECK GOOD.
CLEANED PILOT YOKE TRIM SWITCH WITH CONTACT CLEANER. OPS CHECK
GOOD. I CERTIFY THAT ALL WORK WAS ACCOMPLISHED IAW APPROVED DATA
AND AC43.13-2B. AIRCRAFT IS DEEMED SAFE FOR FURTHER FLIGHT.

MATTHEW T LOVETT AP/IA 3155323

MAKE: Mooney

MODEL: M20j

S/N: 24-0390

REG. NO. 201UW

WORK ORDER:

3948-10-2009



Aviation Maintenance, Inc.

109A S Milwaukee #301

Wheeling, IL 60090

Phone 847-541-4752

DATE: 10/19/2009

A/C TSN:

TACH: 3620.3

Technician or Repair

Airframe Entries

Airframe Entries

END

Christopher J. Swanick A&P2725102.

Maintenance Release

The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 3948-10-2009, Dated 10/19/2009.

DATE: 10/19/2009

SIGNED

Work Order: 3948-10-2009

YEAR: _____ 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.)
------------------------	---------------------------	-------------------	-----------------------------	--



Waukesha County Airport / Crites Field
2441 Aviation Drive
Waukesha, WI 53188
(800) 443-4490
FAA# NC5D062N

AIRCRAFT LOG ENTRY

DESCRIPTION OF WORK DONE:

N# 201UW

Removed both Narco MK-12D Nav/Com units from aircraft. Inspected pins and connectors. Cleaned contacts on both radios. Reinstalled both units in aircraft. Function tested Nav/Com/VOR and found to meet MPS. All work was done and tested in accordance with AC 43.13 1B/2A and manufacturer's install/service manuals. ----END----

Date: 9/28/2010 Tach: 3726.82 W.O.# 506862 Signed: 

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the above work order number.

YEAR: _____ 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.)
	N201UW	Mooney M20J	SN: 24-0390	
	10-12-2010	Tach: 3728.5	Total: 3728.5	
	Lubricated flight controls. Inspected aircraft battery. Greased landing gear. Serviced tires. Performed retraction and extension tests of landing gear. Inspected ELT in accordance with FAR 91.207d. ELT batteries due March 2015. Replaced air filter element (BA-6205.)			
	Complied with the following airworthiness directives:			
	AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.			
	AD 99-24-10 E/D 1/14/2000 by inspection in accordance with part b1 and b2.			
	See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives. See Beaver Aviation Inc, "Aircraft Inspection Report" for details of this inspection.			
	I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.			
	Eric Nelson AP3455954IA 			
	Beaver Aviation Inc, N6469 Hwy 26, Juneau WI 53039, 920-386-2636			

YEAR:	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				

		Dodge Center Aviation, LLC	
Registration	Dodge Center Municipal Airport		802 South Airport Road
N201UW	(507) 633-9379		Dodge Center, MN 55927
Date	Model	S/N	TSO
6-25-11			
MFG.	Position	Tach	Total Time
		3775.4	
Installed Auracle II engine management system s/n 000019 see form 337 dated 6-25-11. Weighed aircraft this date, see new wt & bal form in POH. Installed new Tanis engine heater s/n 45033. Ops and leak check ok on all above items. <i>C. Miller APP 7/15/12</i>			



J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 1
Repair Station #NF2R029L AIRFRAME LOG
Type MOONEY M20J TT
N # 201UW
S/N 24-0390 REC. HR. METER 3796

MAG NOISE IN RADIO RECEIVING AUDIO-
GROUND RAN THE AIRCRAFT AND VERIFIED. FOUND NOISE WAS POINT
NOISE AND MOSTLY THE LH MAG. INSPECTED THE "P" LEAD
INSTALLATION IN THE ENGINE COMPARTMENT. FOUND "P" LEADS
WERE NOT GROUNDED, MAG FILTERS WERE NOT GROUNDED AND MAG
FILTER SHIELDS NOT ATTACHED AT THE "P" LEAD TO MAG TERMINAL
NUTS.

REMOVE THE "P" LEAD FILTERS AND TESTED WITH A Z METER AND
FOUND SERVICABLE. REMOVED THE OLD TERMINALS AND INSTALLED
NEW 10-382698 MAG "P" LEAD CONNECTOR TERMINALS. MOUNTED
THE FILTERS TO THE ENGINE CAGE USING A GROUNDING CLAMP.
INSTALLED GROUND LEADS ON THE AIRCRAFT "P" LEADS TO MAG
FILTERS. SECURED ALL WIRING AND TESTED. FOUND MAG NOISE
IN RADIOS REMOVED. REINSTALLED THE COWL AND REPLACED TWO
COWL FASTNER CAMS WITH CUSTOMER SUPPLIED UNITS.

YEAR:

REC
TAC
TIM

DATE

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554 P 2

Repair Station #NF2R029L

AIRFRAME LOG

Type MOONEY M20J

TT

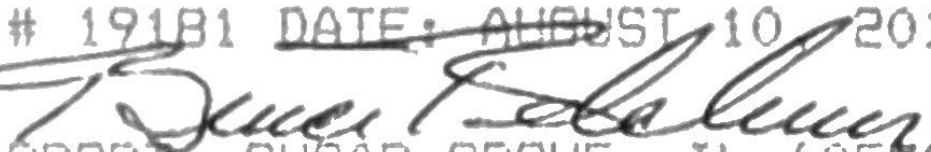
N # 201UW

S/N 24-0390

REC. HR. METER 3796

THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER W.O. # 19181 DATE: AUGUST 10 2011

SIGNED: BRUCE P. REBECHINI



For

J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554

F.A.A. APPROVED REPAIR STATION #NF2R029L

YEAR: _____ 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.)
				MAKE: Mooney MODEL: M20j S/N: 24-0390 REG. NO: 201UW WORK ORDER: 4978-09-2011 Airframe Entries Replaced RH brake pads p/n 066-10500. Serviced RH brake with p/n MS28775-224 (o-ring) and completed bleeding on both LH and RH sides IAW Mooney AMM 12-20-5.... Adj. cable for alternate air door. Maintenance Release The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 4978-09-2011.  Aviation Maintenance, Inc. 1098 S. Milwaukee #301 Wheeling, IL 60090 Phone: 847-541-4752 DATE: 9/14/2011 A/C TSN: 192.21 TACH: 3812.51 DATE: 9/14/2011 SIGNED:  Dallgood, A&P: 2838751 Work Order: 4978-09-2011 Printed by EBis 3 (datcomedia.com)

QUAD CITY AVIATION AND INSTRUMENTS

ALTIMETER SCALE CORRECTION CARD

Altitude	READS	Altitude	READS
-1,000	-15	14,000	-30
0	-5	16,000	-15
500	-15	18,000	+10
1,000	-20	20,000	
1,500	-20	22,000	
2,000	-20	25,000	
3,000	-25	30,000	
4,000	-30	35,000	
6,000	-35	40,000	
8,000	-50	45,000	
10,000	-35	50,000	
12,000	-30	53,000	

Date 11/2/11 Altimeter S/N 0H418

Signature T. McKee

Work Order Number 748

Quad City Aviation and Instruments
112 S. 3rd Street Cambridge, IL 61238
FAA Approved Repair Station # QCUR670X

WO 748
N201UW SN: 24-0390
Tach: 3820.4
Date: 11/2/11

The following altimeter system & altitude repo equipment tests & inspections as required by 91.411 in accordance with FAR 43, Appendix have been performed:

Paragraph (a) Static System 11/2/11

Paragraph (b) Altimeter(s) 11/2/11

Pilot's S/N 0H418, C/P's S/N N/A

ADC S/N N/A, ADC S/N N/A

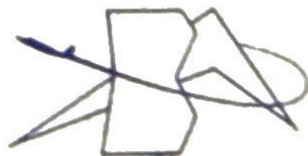
Tested to: 20,000 ft

Paragraph (c) Integrated System Test 11/2/11

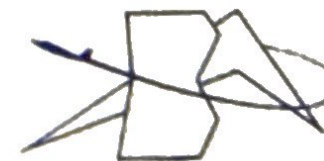
Signature: T. McKee W

Quad City Aviation & Instruments

FAA Approved repair station # QCUR670X



BYERLY AVIATION, INC.
GREATER PEORIA AIRPORT
PEORIA, IL 61607
(309) 697-6300 Fax (309) 697-9663



11/4/2011

N201UW

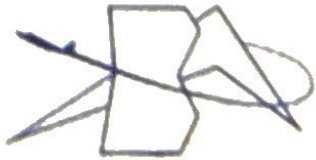
S/N: 24-0390

Tach: 3820.4 hr.

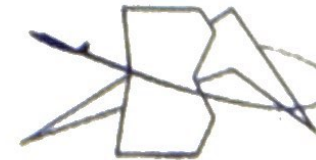
pg. 1 of 2

Total Time: 3820.4hr.

Remove, service, charge, and re-install aircraft battery. C/W annual inspection lubrication items. C/W SB M20-229 fuel cap o-rings on all caps, ok. C/W annual ELT system inspection per 91.207(d), ok. Sumped fuel tank drains and cleaned fuel screen. Sealed Rh. wing bottom fuel access panel. C/W all major alterations annual ICA's, ok by insp. AD's checked thru 11/22. C/W magnetic compass switg, made and installed new card. Washed & Lubed ldg. Gear. Stop drill cracked Rh. gear deflector. R & R bottom engine cowling Lh. Cowl door hinges and hardware. Shim & tighten N.G. steering horn. Re-sealed the Lh. Brake caliper and bled system. Service hydraulic brake reservoir. Filled 1/2" hole in firewall with grommet and RTV sealant. Repaired the firewall bottom closeout gear-well panel. Repair and shim Lh. M.L.G. lower door fwd. corner. Adjusted engine alt. air door spring tension tighter. C/W Bendix AD76-07-12 ignition switch ops. Check, ok, due ea. 100 hr. C/W stdby. Vacuum AD99-24-10 annual insp. per par. B1 & C1 ops. Check, ok, par. B2 due by 11-1-12. Replaced the hardware for the engine alt. air control arm cable. Clean out birds nest in tailcone. R & R the switch for the lower beacon and for the pitot heat. Continued next page.



BYERLY AVIATION, INC.
GREATER PEORIA AIRPORT
PEORIA, IL 61607
(309) 697-6300 Fax (309) 697-9663



1/4/2011

N201UW

S/N: 24-0390

ach: 3820.4 hr:

pg. 2 of 2

Total Time: 3820.4hr.

I certify that this work has been inspected and
is determined to be in airworthy condition
with respect to the work performed. End.

Date: 11-4-11 Repair Station# 9BYR810B

Signature:

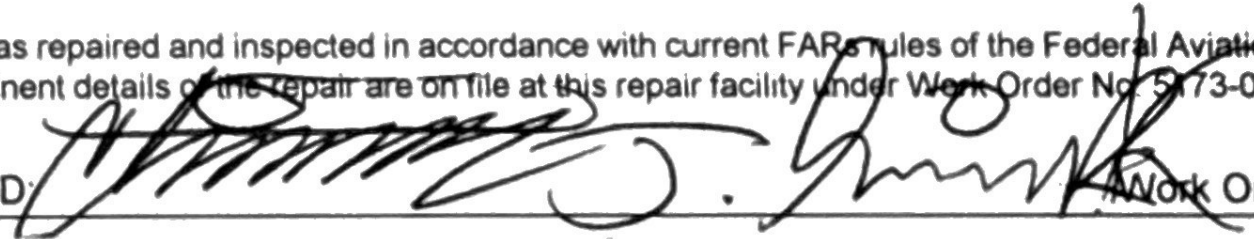
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE

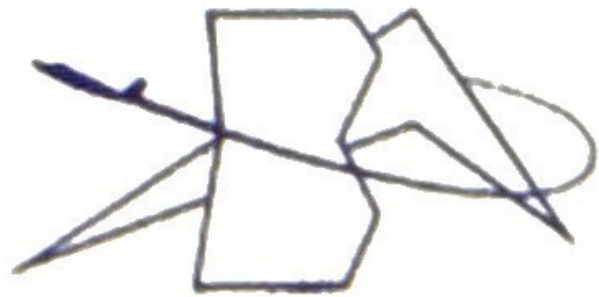
AT THIS AGENCY UNDER INVOICE NO. SHO-11-1212

DATE: 11-4-11 SIGNED:

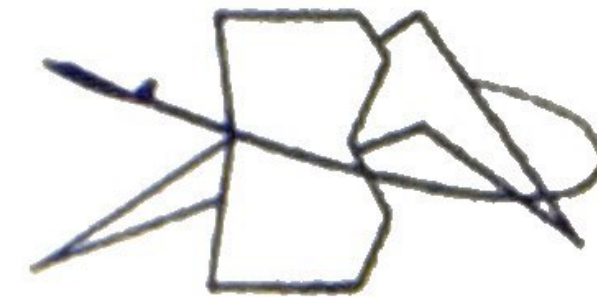
BYERLY AVIATION, INC. GREATER PEORIA AIRPORT, PEORIA, IL. 61607

FAA APPROVED REPAIR STATION # 9BYR810B

YEAR: _____ 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.)
		MAKE: Mooney MODEL: M20j S/N: 24-0390 REG. NO: 201UW WORK ORDER: 5173-04-2012		Aviation Maintenance, Inc. 1098 S. Milwaukee #301 Wheeling, IL 60090 Phone: 847-541-4752
				DATE: 4/4/2012 A/C TSN: 35 88 TACH: 3848.39
		Airframe Entries Complied with Mooney Service Bulletin No. M20-313A, by visual and physical inspection of huck bolts and correct installation of hinge and shim. (No defects were noted at this time). (No further action is required at this time).... Jacked aircraft and removed L&R main wheel assy's. Disassembled and re-assembled using owner supplied 6.00-6x6pr (re-capped) tires. Inflated tires to proper spec's and reinstalled to airframe. Torqued and cotter keyed axle nut. Torqued and safetied caliper bolts.		
		_____ END _____		
		Christopher J. Swanick A&P2725102IA.		
		Maintenance Release The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5173-04-2012.		
		DATE: 4/4/2012	SIGNED: 	Work Order: 5173-04-2012



BYERLY AVIATION, INC.
GREATER PEORIA AIRPORT
PEORIA, IL 61607
(309) 697-6300 Fax (309) 697-9663



6/6/2012

N201UW

Acft. S/N: 24-0390

Tach: 3872.6 hr.

Remove cabin door upholstery panels. Rig cabin door linkage rods per Mooney Maintenance manual. Re-install cabin door upholstery. C/W water leakage check around door, nominal. C/W test flight found no air leakage. End.

I certify that this work has been inspected and is determined to be in airworthy condition with respect to the work performed.
End. Date: 6-6-12 Repair Station# 9BYR810B Signature: Richard M. Robertson

YEAR:

DATE

MAKE: Mooney
MODEL: M20j
S/N: 24-0390
REG. NO: 201UW
WORK ORDER:
5362-08-2012

**Aviation Maintenance, Inc.**

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 8/22/2012
A/C TSN: 3883.16
TACH: 3883.16

Repair

Airframe Entries

Checked landing gear system for possible malfunction I.A.W. Mooney service and maintenance manual number - 123, MM 32-00-00. Removed belly panel to expose gear system. Inspected landing gear motor, bellcranks, all rods, rod ends, pivots and gear legs I.A.W. MM 32-10-00 and 32-20-00, no defects found. Jacked aircraft to complete gear system operational check I.A.W. MM 32-30-01 and all gear system functions were normal.

Maintenance Release

The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5362-08-2012.

DATE: 8/22/2012

SIGNED:

DAllgood, A&P: 2838751

Work Order: 5362-08-2012

Printed by EBis 3 (datcomedia.com)

YEAR:

RI

T/

TI

DATE

MAKE: Mooney
MODEL: M20j
S/N: 24-0390
REG. NO: 201UW
WORK ORDER:
5362-08-2012

**Aviation Maintenance, Inc.**

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 8/22/2012 Repair
A/C TSN: 3883.16
TACH: 3883.16

Airframe Entries

Checked cowl flaps and adjusted I.A.W Mooney MM 71-13-01.

Maintenance Release

The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5362-08-2012.

DATE: 8/22/2012

SIGNED:

Work Order: 5362-08-2012

DAllgood, A&P: 2838751

Printed by EBis 3 (datcomedia.com)

Make Mooney Model M20J Serial No./No. 24-0390

Tach Reading	<u>3872.89</u>	Date	<u>2-11-13</u>
--------------	----------------	------	----------------

Removed and reinstalled engine after repaired by G+N Aircraft see Engine Logbook for details on Engine repairs. Installed new Hartzell Propeller Model # HC-C2VR-1BFP/F7457 in accordance with STC # SA02414CH-D Dated July 12, 2007. See FAA Form 337 for details and installed new weight and balance information in P.O.H. and installed Airplane Flight Manual Supplement in P.O.H.

**NORTHWEST AVIATION
MAINTENANCE, INC.**

1705 East Main Street • Griffith, IN 46319
Telephone: (219) 922-2632 • 800-247-7070

W.O. # _____

Robert L. Ahlf AP3741505 IA
Authorized Signature

YEAR:

DATE

MAKE: Mooney
MODEL: M20j
S/N: 24-0390
REG. NO: 201UW
WORK ORDER:
5577-04-2013



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 5/24/2013
A/C TSN: 3863.16
TACH: 3863.16

r Repair

Airframe Entries

Gained access to and replaced damaged belly formers with Mooney formers p/n 210109-021, 210110-000, & 210111-001. Adjusted left main gear door. Removed damaged nose gear doors with rod ends and gave to owner. Inspected flight control system and performed gear swing, no defects found. Reinstalled repaired belly panel with new CI-105 transponder antenna. Belly panel repair DER approved under STA130215-1. Replace right tail pipe absorber strap with new absorber p/n 630120-001. Worked performed i.a.w. Mooney maintenance manual 123, Ch. 20, Ch. 32, Ch. 51, Ch. 57, Ch. 78 and referenced AC 43.13b.

Maintenance Release

The aircraft and/or component(s) on 201UW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5577-04-2013.

DATE: 5/24/2013

SIGNED:

JFritzen, IA: AP2758946IA

Work Order: 5577-04-2013

Printed by EBis 3 (datcomedia.com)

YE



Northwest Flyers



an or Re

DA

Schaumburg Regional Airport Schaumburg Illinois

N201UW

Mooney M20J

SN#24--0390

Date 07-19-2013

Tach = 3873.2hrs

ACTT = 3873.2hrs

Completed annual inspection per Mooney checklist.

Re installed Lycoming IO-360-A3B6D(#RL-26366-51L) and Hartzell HC-C2YR-1BFP/F7497 (#NS1113B) propeller after ground strike inspections.

Greased wheel bearings, lubricated, and serviced aircraft.

Checked ELT per FAR 207.d. (Battery due 03-2015)

Cleaned fuel screens.

Replaced induction air filter element and vacuum regulator filter.

Repaired pilots seat back.

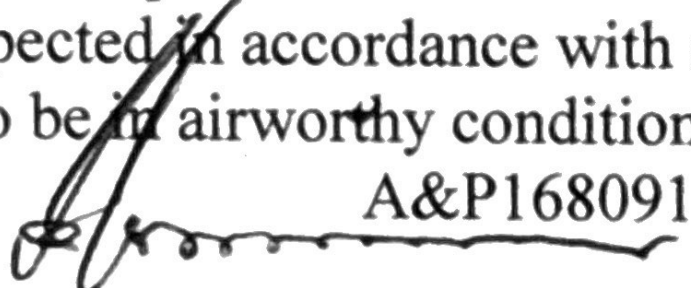
Installed new nose gear doors.

Complied with AD2011-26-04 by inspection of fuel lines per SB 342.

Complied with AD2004-10—14 by Poplar Grove Airmotive WO5603.

Complied with AD99-24-10 by inspection per par B1 and C1.

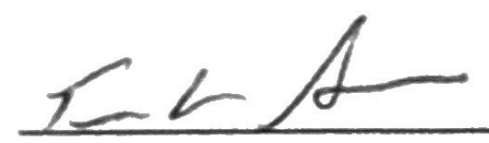
Complied with AD85-24-03 by inspection per SB M20-229.

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
				Page 2 Complied with AD76-07-12R1 by operational check of Bendix mag switch. See AD list for additional AD times and requirements. I certify that this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition at this time. Gene Scheuwimer  A&P1680919IA 

3882.39	TACH	N201UW
2/6/2014	DATE	

1. Installed auxillary hand brake system as per 337 approved 1-29-2014 in Mooney M20J, S/N 24-0390. See 337 instructions for maintenance and operation instructions

2. Aircraft taxied and operational checked ok


 Terry L. Aavang A&P 3496617 *16*
POPLAR GROVE AIRMOTIVE, INC.

1. Approving National Aviation Auth. Country: FAA / UNITED STATES	2. Authorized Release Certificate FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:  21022
---	---	--

4. Organization Name and Address: C J AVIATION, INC. 12215 SW 131 AVE. MIAMI, FL. 33186 YPGR715L	5. Work Order/ Contract/ Invoice Number 21022
---	--

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY	10. QUANTITY	11. Serial/Batch Number	12. STATUS/WORK
1	FUEL PUMP	4140-00-19A	N/A	1	1128022	OVERHAULED

13. REMARKS: Maintenance Release: The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired or overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5330. Detail of work accomplished in work order: See Block 5.

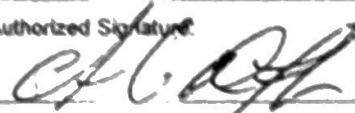
Manual No: 4140-00 Series

Revision No: 6

Revision Date: 07/14/2008

AD Detail: NONE

SB Detail: 0001, 0002, 0003, 0004

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☒ Non-approved design data specified in Block 13.		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature: N/A	16. Approval/Authorization No.: N/A	20. Authorized Signature: 	21. Approval/Certificate No.: YPGR715L
17. Name (Typed or Printed): N/A	18. Date: N/A	22. Name (Typed or Printed): Charlie Duffie	23. Date: NOV-29-2012

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE _____

NZ010W

2. Replaced electric fuel pump P/N 4140-00-19A, reference CJ Aviation WO: 21022
4. Tightened vacuum pump fitting
6. Tightened starter to alternator bolt

POPLAR GROVE AIRMOTIVE, INC.

Mobile Avionics
8585 Pyott Rd
Lake In the Hills, IL 60156
(815) 459-0446

Date 3-7-14

Work Order No. 5608

I certify that the static system checks required by 14CFR 91.411 have been performed this date and found to comply with Part 43, Appendix E, Para a

MSL
Signed for CRS No. MSBR563J

Mobile Avionics
8585 Pyott Rd
Lake In the Hills, IL 60156

Date 3-7-14

Work Order No. 5608

I certify that the ATC transponder test and inspections required by 14CFR 91.413 were performed this date and found to comply with 14CFR 43

Appendix F

Transponder

Make NARCO

Model AT-165

Serial No 110504

MSL MSBR662J

Mobile Avionics
8585 Pyott Rd.
Lake In the Hills, IL 60156

Date 3-7-14

Work Order No. 5608

I certify that the automatic pressure altitude reporting system checks required by 14CFR 91.217 and 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph C

Transponder Serial No. NARCO AT165 SN 110504

Encoder Serial No NARCO AR850 SN 80084

MSL
Signed for CRS No. MSBR662J

YEAR: 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.)
4-19-14	3906.5			Changed Right main tire & tube assy. L.O.O.-C C.P.R. E-MAP 3455954

N201UW

Mooney M20J

SN: 24-0390

6-30-2014

Tach: 3934.0

Total: 3934.0

Lubricated flight controls. Serviced aircraft battery. Inspected ELT in accordance with FAR 91.207d. ELT batteries due March 2015. Serviced tires. Performed retraction and extension tests of landing gear.

Complied with the following airworthiness directives:

AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.

AD 99-24-10 E/D 1/14/2000 by inspection in accordance with part b1 and b2.

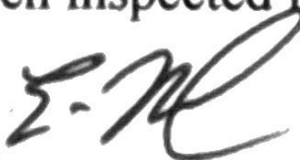
AD 2011-26-04 E/D 1/25/2012 by inspection of fuel injection lines and clamps.

See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives.

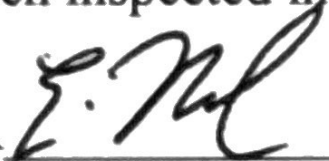
See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.

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

Eric Nelson AP3455954IA



Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DA1	N201UW	Mooney M20J	SN: 24-0390	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
	8-6-2015	Tach: 4039.4	Total: 4039.4	
—				Lubricated flight controls. Inspected aircraft battery. Replaced batteries in ELT and ELT remote indicator. ELT
—				batteries due Dec 2024. Inspected ELT in accordance with FAR 91.207d. Bled left brake. Replaced one left brake
—				lining (RA66-105.) Replaced right main tire (072-3140) and tube. Repacked nose wheel bearings and balanced
—				nose tires. Greased landing gear. Serviced tires. Performed retraction and extension tests of landing gear.
—				Replaced air filter element (BA-6205.)
—				Complied with the following airworthiness directives:
—				AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.
—				AD 99-24-10 E/D 1/14/2000 by inspection of standby vacuum system part b1 & b2.
—				AD 2011-26-04 E/D 1/25/2012 by inspection of fuel injection lines and clamps.
—				See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives.
—				See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.
—				I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in
—				airworthy condition.
—				Eric Nelson AP3455954IA 
—				Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

YEAR: 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.)
9-15	4055.1			Replaced both brake discs (RA164-02000.)
				Replaced all brake linings (RA105-00200.)

AIRFRAME LOG ENTRY FOR N201UW

DATE: 03-19-16 **TACH:** 4076.46

Remove LH flap and send to Williams Airmotive (Repair Station WWFR 300K) for repair, see repair form #7191WA-4, dated 01-16-16. Re-install LH flap using M20J service manual as a guide. Remove belly panel and send to Gemco Inc. for surface repairs and repainting. Re-install belly panel.

Signed: 

A&P 3123276IA

Johnson Bros. Flying Service E2525 Co Hwy JJ Spring Green Wi 53588 Tri County Airport (LNR) (608)341-8030



BYERLY AVIATION, INC.

6100 E.M. DIRKSEN PKWY.

PEORIA, IL 61607

(309) 697-6300



4/25/2016

N201UW

Acft: S/N:24-390

Tach Time: 4079.98 hr.

R & R the Lh. flap for painting. Trim-fit new Lh. flap inb. Hinge fairing, then paint and install it. Repair both middle hinges for Lh. flap, mount holes elongated, drilled out for -4 bolts, no play now, all work done per 43.13-1B. Remove belly panel to R & R the transponder antenna, then re-install panel. Jack aircraft to R & R Lh. M.L.G. clamshell inner door assy. after trim-fit and paint. Bleed Lh. brake system and service brake reservoir with Mil-H-5606 fluid. Perform several landing gear retractions and extensions to check doors fit, ok. R & R the fuel system auxiarily Dukes pump with P/N: 4140-00-19A overhauled s/n: 9010. Primed and leaked checked pump, ok. End.

I certify that this work has been inspected and is determined to be in airworthy condition with respect to the work performed. End.

Date: 4-25-16 Repair Station# 9BYR810B Signature: Richard W. Robertson

ALT TEST DATA PER FAR 91.411 inw FAR 43, APP E
AVIONICS PLACE-REPAIR STATION NO. F05R866M

CUSTOMER NAME: **Vince Scott**

N NO. **120111W** DATE: **07/01/16**

W.O. NO.: **17721** INSP. BY **KEMRAN A.**

ALT S/N **04418** MODEL **5934P-1**

TABLE I

TABLE II

ALT	TOL	IND	TEST	TOL	IND
-1000	20	-980	CASE LEAK	100	0

0	20	10	HYSTERISIS		
---	----	----	------------	--	--

500	20	500	1ST TEST 50%	75	5
-----	----	-----	--------------	----	---

1000	20	1000	2ND TEST 40%	75	15
------	----	------	--------------	----	----

1500	25	1490	AFTER EFFECT	30	20
------	----	------	--------------	----	----

2000	30	1990			
------	----	------	--	--	--

3000	30	2980	TABLE III FRICTION	TABLE IV BARO SCALE	
------	----	------	-----------------------	------------------------	--

4000	35	3980	ALT TOL IND	HG	ALT	DIF	TOL
------	----	------	-------------	----	-----	-----	-----

6000	40	5975	1000	70	10	28.10	-1727	-1750	25
------	----	------	------	----	----	-------	-------	-------	----

8000	60	7960	2000	70	90	28.50	-1340	-1360	
------	----	------	------	----	----	-------	-------	-------	--

10000	80	9980	3000	70	90	29.00	-863	-860	
-------	----	------	------	----	----	-------	------	------	--

12000	90	11975	5000	70	35	29.50	-392	-400	
-------	----	-------	------	----	----	-------	------	------	--

14000	100	13990	10000	80	35	29.92	0	540	
-------	-----	-------	-------	----	----	-------	---	-----	--

16000	110	16000	15000	90	35	30.50	531	530	
-------	-----	-------	-------	----	----	-------	-----	-----	--

18000	120	18000	20000	100	35	30.90	893	890	
-------	-----	-------	-------	-----	----	-------	-----	-----	--

20000	130	20000	25000	120	30.99	974	980		
-------	-----	-------	-------	-----	-------	-----	-----	--	--

22000	140	30000	30000	140					
-------	-----	-------	-------	-----	--	--	--	--	--

25000	155	35000	35000	160					
-------	-----	-------	-------	-----	--	--	--	--	--

30000	180	40000	40000	180					
-------	-----	-------	-------	-----	--	--	--	--	--

35000	205	50000	50000	250					
-------	-----	-------	-------	-----	--	--	--	--	--

RECORDING
TACH
TIME

YEAR:

DATE

NEXT IFR
CERTIFICATION
DUE BY: **07/31/18**

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations	Signature of Technician or Repairman
				THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E" HAVE BEEN PERFORMED.	
				PARA (A) STATIC SYSTEM	
				PARA (B) ALTIMETER	
				PILOTS <u>5934 P-1</u> S/N <u>DH418</u>	
				C.P.'s _____ S/N _____	
				TESTED TO <u>20,000</u> FT.	
				PARA (C) INTEGRATED SYSTEM TEST	
				ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.413 iaw FAR 43 APPENDIX "F"	
				HAVE BEEN PERFORMED:	
				#1 MODEL <u>AT-150</u> S/N <u>24570</u>	
				#2 MODEL _____ S/N _____	
				DATE <u>7/10/16</u> N <u>ZOLUW</u> W.O.# <u>17721</u>	
				SIGNED BY <u>[Signature]</u>	
				AVIONICS PLACE FQ5R866M ROCKFORD IL	

YEAR: _____	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				

LOGBOOK ENTRY

MAKE: Mooney
 MODEL: M20J
 REG NO: N201UW
 S/N: 24-0390

ACTT: 3,999

START DATE: 08/31/2016
 FINISH DATE: 08/31/2016

I have inspected this aircraft on August 31, 2016 at 0900 hours central time and have determined it to be safe for the intended flight.

Signed:


 JAMES W. STEDMAN, JR

AP3092823

END

08-31-2016<>N201UW<>SN:24-0390<>Airframe Logbook Entry<>Tach.4142.36

Performed the following maintenance items:

- 1.Installed LH wing tip Nav/Strobe assembly, lenses cover per Great lakes Aero installation guide, and Mooney AMM.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number SHO-16-3067.

Signature: _____

Ryan Grenhoff



Byerly Aviation, Inc. Greater Peoria Airport

Peoria, IL. 61607 Certificate # 9BYR810B

YEAR: _____ 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.)
N201UW		Mooney M20J	SN: 24-0390	
9-2-2016		Tach: 4144.3	Total: 4144.3	
				— Lubricated flight controls. Inspected aircraft battery. Greased landing gear. Performed retraction and extension tests of landing gear. Serviced tires. Inspected ELT in accordance with FAR 91.207d. ELT batteries due Dec 2024. — Replaced air filter element (BA-6205.) Greased propeller. Dressed leading edge of propeller blades. — Complied with the following airworthiness directives: — AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch. — AD 99-24-10 E/D 1/14/2000 by inspection in accordance with b1 & b2. — See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives. — See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection. — I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. — Eric Nelson AP3455954IA <u>5-M</u> — Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

3-2-2017 <> N201UW <> Airframe Logbook Entry <> Tach: 4179.11

Di

Performed the following maintenance items:

Sanded, prepped and cleaned LH wingtip for paint touch up.. Left hand wingtip was painted with the following colors:

Green Metallic # JBP5501CXXX

White # JB90839A

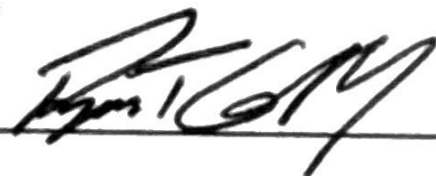
Red Pearl # JBP937463DXXX

Gold Metallic # JBP930376CXXX

Clear Coat # JC 630

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number PAI-17-0156.

Signature:



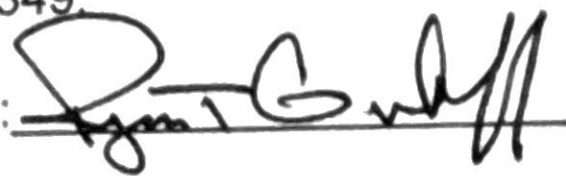
CRS# 9BYR801B

Byerly Aviation, Inc. Greater Peoria Airport



Peoria, IL. 61607 Certificate # 9BYR810B

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
				03-02-2017<>N201UW<>SN:24-0390<>Airframe Logbook<>Model:M20J<>Tach:4179.11 Performed the following maintenance items: 1. Inspect brakes, and lines for leaks, no leaks noted. Bleed both LH&RH brakes per Mooney AMM. Brakes operate normal at this time. 2. C/W SB M20-229 inspection/pres check of fuel caps. R&R both LH&RH fuel cap o-rings with new, pn:MS29513-010, and MS29513-338. Pressure check tanks, no defects noted. I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number SHO-17-3294. Signature:  Ryan Grenhoff Byerly Aviation, Inc. Greater Peoria Airport  BYERLY AVIATION Peoria, IL. 61607 Certificate # 9BYR810B

YEAR: _____ 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.)
04-18-2017<>N201UW<>SN:24-0390<>Engine Logbook<>Model:M20J<>Tach:4195.49				
Performed the following maintenance items: 1.Drained engine oil, and removed oil filter. Inspected filter for contamination, no defects noted. Installed 8 qts. Phillips 20W-50 type M and new oil filter. Performed ground run up and leak check, no defects noted.				
I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number SHO-17-3349.				
Signature: 				Ryan Grenhoff
Byerly Aviation, Inc. Greater Peoria Airport				 BYERLY AVIATION
				Peoria, IL. 61607 Certificate # 9BYR810B

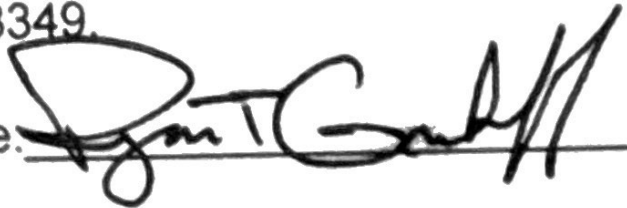
YEAR: _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
DATE				

04-18-2017<>N201UW<>SN:24-0390<>Airframe Logbook<>Model:M20J<>Tach:4195.49

Performed the following maintenance items:

- 1.Adjusted hand brake cables, and bled brakes per Mooney AMM, and 337 installation guide. Performed operational test. No defects noted.
- 2.R&R landing light bulb with new, pn:GE4522, performed operational test, ok.

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file this repair station under invoice number SHO-17-3349.

Signature:  Ryan Grenhoff

Byerly Aviation, Inc. Greater Peoria Airport



Peoria, IL. 61607 Certificate # 9BYR810B

--	--	--	--

[illegible]

* Bruce A Marley ADP 37894

[illegible]

YEAR: _____ 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.)
N201UW		Mooney M20J		SN: 24-0390
10-3-2017		Tach: 4259.1		Total: 4259.1
—				Lubricated flight controls. Replaced main tires (072-314-0) and tubes (092-500-0.) Serviced tires. Greased landing gear. Performed retraction and extension tests of landing gear. Inspected ELT in accordance with FAR 91.207d. ELT batteries due December 2024. Replaced air filter element (BA-6205.)
—				Complied with the following airworthiness directives:
—				AD 2017-16-01 E/D 10/24/2017 by inspection and operational test of ELT.
—				AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.
—				AD 99-24-10 E/D 1/14/2000 by inspection Part b1.
—				See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives.
—				See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.
—				I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
—				Eric Nelson AP3455954IA 
—				Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

YEAR: _____ 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.)
12-27-17	4268.3			Replaced defrost ducting (Sect-5.) Σ-M AP3455954

N201UW Mooney M20J SN: 24-0390

3-8-2018 Tach: 4279.2

Removed vacuum pump AA3215CC, SN: 01Q017. Installed vacuum pump 215CC, SN: 178302 after overhaul by Rapco Inc, CRS NE5R064N, wo# 178302 dated 1/5/2018.

Eric Nelson

AP3455954IA

Σ-M

Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

1-19-2018	4324.24			CHANGED OIL AND FILTER. INSPECTED FILTER FOR CONTAMINATION, AND NONE FOUND. INSTALLED OIL FILTER CH48103-1 AND SERVICED WITH AS WIPAC PLUS, 8QTS. MICHAEL SANDERS AP2471152 Michael Sanders
-----------	---------	--	--	--

DescriptiEntries must
Facility. (Se

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE
REPORTING EQUIPMENT TESTS AND INSPECTIONS AS
REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E"
HAVE BEEN PERFORMED.

PARA (A) STATIC SYSTEM

PARA (B) ALTIMETER

PILOTS 5934P-1 S/N 04418

C.P.'s _____ S/N _____

TESTED TO 20,000 FT.

PARA (C) INTEGRATED SYSTEM TEST

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED
BY FAR 91.413 iaw FAR 43 APPENDIX "F"

HAVE BEEN PERFORMED:

#1 MODEL AT-165 S/N 110504

#2 MODEL _____ S/N _____

DATE 8/30/18 N 201UW W.O. # 19231

SIGNED BY Jeffrey Heberlein

AVIONICS PLACE FQSR866M ROCKFORD IL

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DA	N201UW	Mooney M20J	SN: 24-0390	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-1-2018	Tach: 4365.3	Total: 4365.3		
	Replaced nose tire (072-312-0) and tube (092-308-0.) Balanced nose tire and wheel assembly. Repacked nose wheel bearings. Serviced tires. Greased landing gear. Performed retraction and extension tests of landing gear.			
	Lubricated flight controls. Inspected ELT in accordance with FAR 91.207d. ELT batteries due December 2024.			
	Inspected aircraft battery. Lubricated flight controls. Replaced O-rings (MS29513-338) on fuel caps.			
	Complied with the following airworthiness directives:			
	AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.			
	AD 2017-16-01 E/D 10/24/2017 by inspection of ELT.			
	AD 99-24-10 E/D 1/14/2000 by inspection in accordance with Part b1 and b2.			
	See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives.			
	See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.			
	I certify this aircraft has been inspected in accordance with and annual inspection and was determined to be in airworthy condition.			
	Eric Nelson AP34559541A 			
	Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636			

YEAR:

DATE

Gary Jet Center

Gary Jet Center, Inc. 5401 Airport Road Gary, IN 46406 p: 219.944.1210 f: 219.977.5345

Airframe

October 8, 2019

Mooney

M20J

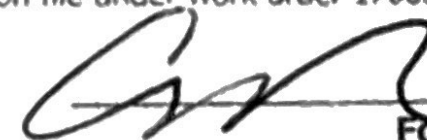
S/N: 24-0390

Tach:4479.51

N201UW

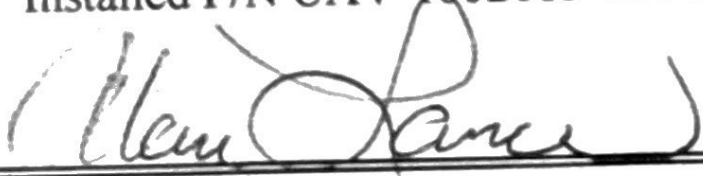
1. Replaced the RH hand brake cable p/n 05-15069 and terminal p/n MS24664C-2 per aircraft 337 dated 1/29/2014.
2. Reinstalled LH flap p/n 240014-509 after repair(Airframe Components by Williams, CRS: WWFR300K, w/o 20814) per Mooney M20J MM Sec. 27-50.
3. Removed engine s/n L-26366-51A and reinstalled after repair (Poplar Grove, CRS: YYBR664L, w/o 100422) per the Mooney M20J MM Ch 71-00-30.
4. Removed propeller HC-C2YR-1BFP s/n NS2649B and reinstalled after repair (ASI, CRS: PZ4R458M, w/o PRP19-03942) per the Mooney M20J MM Ch 61-00-20.

The above maintenance has been accomplished in accordance with current FAA regulations. This aircraft has been determined to be in an airworthy condition and is approved for return to service at this time with regards to the work performed. A detailed record is on file under work order 17063.



For CRS 2GYR135N

YEAR:	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				

N201UW	Mooney	201J	S/N: 24-0390
DATE: 11/22/2019	Tach Time: 4482.9	AFTT: UNK	19-3922
ENG:	S/N:	TSO:	
Prop:	S/N:	TSO:	
Prop Gov:	S/N:	TSO:	
Removed installed tail navigation light assembly and replaced with a new uAvionix skyBeacon combination tail navigation light assembly with the addition of ADS-B" out capabilities. Preformed ground set up and testing as per STC instructions giude P/N UAV-1001421-001, added the required placard to the navigation switch, inserted supplemental document into the POH equipment list, and added a completed Form 337 for the maintenace record, the FAA, and the owner operator. Installed P/N UAV-1002183-001 S/N 2001890 SSID:Beacon-07FD Pass:CamberZulu.			
Signature:			
Alan Lance A&P/ IA 337543694			

YEAR: -----

N201UW Mooney M20J SN: 24-0390

12-3-2019 Tach: 4489.9 Total: 4489.9

D/ Lubricated flight controls. Replaced right main tire (072-314-0) and tube (092-500-0.) Balanced right main tire and wheel assembly. Replaced right brake linings (RA-66-105.) Greased landing gear. Performed retraction and extension tests of landing gear. Reconnected hand brake cables. Checked torque of propeller. Installed missing safety wire on propeller. Installed missing safety wire on alternator tensioner bolt. Replaced air filter element (BA-6205.)

Complied with the following airworthiness directives:

AD 76-07-12 R1 E/D 8/30/1977 by operational check of ignition switch.

AD 2017-16-01 E/D 10/24/2017 by inspection of Ameriking ELT.

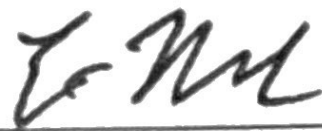
AD 99-24-10 E/D 1/14/2000 by Part b1 and Part b2 inspection.

See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives.

See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.

I certify this aircraft has been inspected in accordance with and annual inspection and was determined to be in unairworthy condition and a list of discrepancies and unairworthy items dated 12-3-2019 has been provided to the aircraft owner..

Eric Nelson AP3455954IA



Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

YEAR	TOTAL		
- N201UW	Mooney M20J	SN: 24-0390	
<u>DI</u> 12-3-2019	Tach: 4489.9	Total: 4489.9	
Discrepancy List:			
1. uAvionix Tail Beacon, non STC installation, FAA Form 337 not complete in proper format. Reference			
Major Repair and Alteration Data Approval Job Aid dated September 2017, pages 94-114, and Technical			
Paper AFS-360-2017-1 for proper content of Form 337.			
2. Left wing tip leaded edge lens missing. <i>E. Nelson</i>			
3. Eric Nelson AP3455954IA _____			
4. Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636			
N201UW	Mooney M20J	SN: 24-0390	
12-4-2019	Tach: 4489.9	Total: 4489.9	
This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight			
Permit dated 12-4-2019. <i>E. Nelson</i>			
Eric Nelson AP3455954IA _____			
Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636			

YEAR:

DATE

December 6, 2019 N201UW W.O. 19-214 Tach Time: 4491.33

Removed and replaced left wing tip navigation lens P/N W-2494. Filed and fit to recess and installed with new hardware as needed. Replaced two missing fasteners on cowl top section as needed. I do hereby certify the above work done in accordance with current FARs and is found fit for further service.



John Sjaardema

A&P 2100539 IA

YEAR:

DATE

December 13, 2019 N201UW W.O. 19-214 Tach Time: 4494.84

Troubleshoot intermittent flap operation by gaining access to the motor, microswitches and associated components. Cleaned microswitches with electronic motor cleaner, attempted to recreate problem by wiggling wires and loading flaps different configurations and was unable to develop the problem. Closed up all access panels as needed. I do hereby certify the above work done in accordance with current FARs and is found fit for further service.

John Sjaardema
A&P 2100539 IA

John Sjaardema

[illegible]

YEAR: DATE	TOTAL TIME IN SERVICE	Manufacturers' Mandatory Service Bulletins Chronological Listing of Compliance and Method of Compliance
6-12-20	4523.2	Resealed both brake calipers. Replaced all 4 brake linings. Bled brakes. Serviced brake reservoir. T-M AP3455954
October 28, 2020 N201UW W.O. 20-151 Tach time: 4545.56 Opened access panel to brake actuators. Removed left brake actuator. Rebuilt actuator with all four new "O" rings. Reinstalled unit and bled brake. Filled reservoir with fluid. Tested and found good operations. I do hereby certify the above work done in accordance with current FARs and is found fit for further service. <i>John Sjaardema</i> John Sjaardema A&P 2100539 IA		

ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

CUSTOMER NAME: VINCE SCOTT									
N NO.: N201UW					DATE: 12/18/2020				
W.O. NO.: 20923					INSP. BY: KEMRAN A.				
ALT SN: 0H418					MODEL: 5934P-1				
TABLE I			TABLE II						
ALT	TOL	IND	TEST			TOL	IND		
-1000	20	-1010	CASE LEAK			100	0		
0	20	0	HYSTERISIS						
500	20	500	1ST TEST 50%			75	+20		
1000	20	1000	2ND TEST 40%			75	+20		
1500	25	1490	AFTER EFFECT			30	+5		
2000	30	2000							
3000	30	3000	TABLE III FRICTION			TABLE IV BARO SCALE			
4000	35	4000	ALT TOL IND			HG	ALT	DIF	TOL
6000	40	5980	1000	70	20	28.10	-1727	1720	25
8000	60	7960	2000	70	20	28.50	-1340	1340	
10000	80	9970	3000	70	20	29.00	-863	860	
12000	90	11980	5000	70	20	29.50	-392	400	
14000	100	13990	10000	80	30	29.92	0	510	
16000	110	16000	15000	90	30	30.50	531	530	
18000	120	18000	20000	100	30	30.90	893	900	
20000	130	20020	25000	120	30	30.99	974	980	
22000	140	////	30000	140	30	NEXT IFR CERTIFICATION DUE BY: 12/31/22			
25000	155	////	35000	160	30				
30000	180	////	40000	180	30				
35000	205	////	50000	250	30				

Altitude-Exchanged

20923

7

AS REQUIRED

ALTITUDE
IONS AS
X "E"

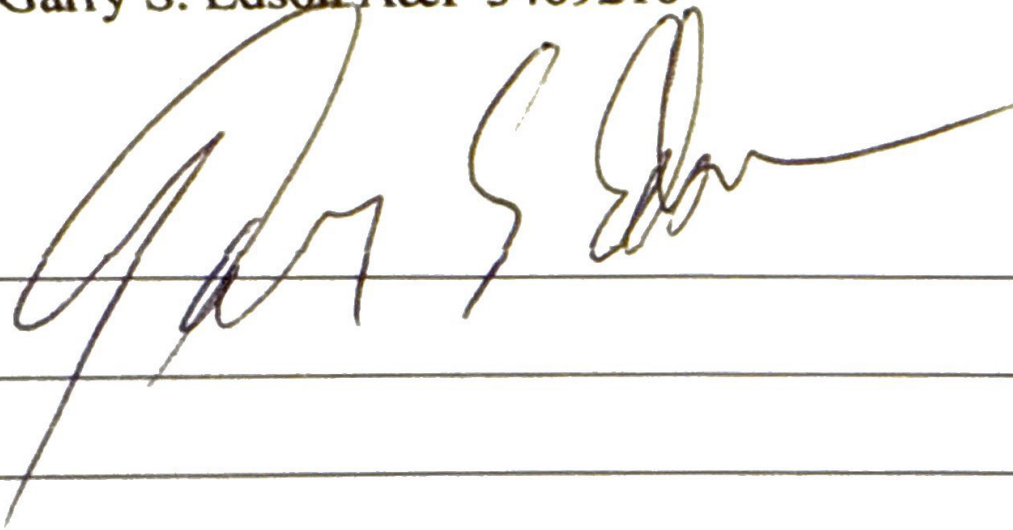
Notes

1/2/2021 Mooney M20J , s/n 24-0390, Hobbs 4557.19

I certify that I have inspected this aircraft & determined that it is in safe condition to make a Ferry Flight from GYY to UNU in accordance with ferry permit issued by the Chicago FSDO on

01/14/2021 ~~At [illegible] [illegible] [illegible]~~

Garry S. Edson A&P 3469216

A large, stylized handwritten signature in dark ink, likely belonging to Garry S. Edson, is written over the printed name and extends across several lines of the document.

FAA-PMA PQ2126SW
Replacement Seal for Mooney

Front Door Seal
ADS1200-201

Models: M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G,
M20J, M20K, M20L, M20M, M20R, M20S

APPROVED

8/14/2009

Aircraft Door Seals, LLC
300 N. Highway 377
Roanoke, TX 76262
817-567-8020, Fax 817-567-8021



