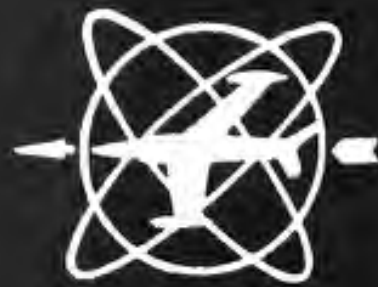


1007153



The Standard

AIRCRAFT LOG

ASA-SA-1



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 08/24/2017

Tach: 3697.4

N-Number: N1111JP

Adjusted flap actuator switches. Ran flaps several times, op's check satisfactory.

David Posten A&P,

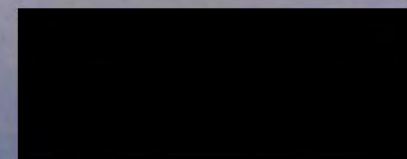
Income Statement and Balance Information

[illegible]

YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
DATE					



10000 Flying Cloud Drive
Eden Prairie, MN 55347



MOONEY M20J, SN 24-1608, N111JP

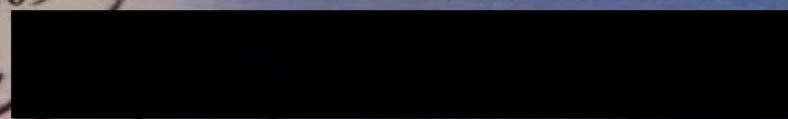
TACH: 3718.2

Removed KG258 Horizon, SN 12231. Aligned overhauled exchange KG258, C.R.S. QI2R110L
SN 11672 with autopilot. Installed in aircraft. Function tested,
Aircraft, airframe, aircraft engine, propeller or appliance 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:

Work Order #25409

DATE: 09/08/2017

Signed: _____



YES

West Metro Aviation 1313 County Rd. 134 Buffalo, MN. 55313
N111JP; Mooney M20J; S/N 24-1608

DATE

11/1/20147 Tach 3749.4

Alternator inop. Removed cowl and troubleshoot charging system, found field terminal broken. Removed and replaced terminal and run up ops check good.

Tom Beachem [REDACTED]

tions

er of Technician or P



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 03/12/2018

N-Number: N111JP

Model: M20J

A/C S/N: 24-1608

Tach: 3784.5

A/C TSN: 3784.5

Prop TSN: 935.0

Prop TSO: 0

C/W a annual inspection IAW Mooney MM. AD's checked and are up to date. Removed engine for prop strike inspection. Installed repaired engine from Bolduc Aviation after prop strike inspection IAW AD 04-10-14C1. Installed O/H Propeller S/N NS-2138B from Maxwell Aviation W/O 122593. Replaced nose tire with new P/N 072-312-0. Repaired A/C Belly pan IAW AC43 13. Adjusted gear doors IAW Mooney MM, op's check satisfactory. Installed new clamp and shock mount P/N 630118-001 on exhaust tail pipe. Installed Anti-Chafe tape on both flaps. Replaced o-rings P/N MS28775-012 and MS28775-112 in right brake master, bled brakes, op's check and leak check satisfactory. C/W AD 15-19-07 external fuel injector lines and clamps by visual inspection, next due at 3884.5. C/W AD 17-16-11 Engine connecting rods, N/A By engine O/H Date. Checked lights, lubed flight controls, inspected brakes and serviced tires. Ran engine, op's check and leak check satisfactory.

I certify that this aircraft airframe has been inspected IAW with a Annual inspection and was determined to be in airworthy condition.

David Posten A&P, [REDACTED]
[REDACTED]



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 03/12/2018

Tach: 3784.5

N-Number: N111JP

Placarded ELT Inop, Battery needs to be replace.

David Posten



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 3/14/2018

N-Number: N111JP

Tach: 3786.5

Rerigged cowl flaps per Mooney manual sec 71-13-03.
Flap operations checked satisfactory.

Paul R. Bloch

or Repair



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 5/7/2018

Tach: 3832.7

N-Number: N111JP

[Click here to enter text](#)

Removed cracked spinner and installed new spinner
C-3532-22P with new screws 3-3845-8 and washers
A-1020.

Paul R. Bloch

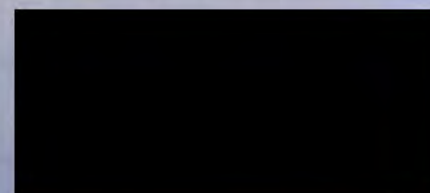
Description of Inspections, Tests, Repairs and Alterations

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

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.)
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10000 Flying Cloud Drive
Eden Prairie, MN 55347



MOONEY M20J, SN 24-1608, N111JP

TACH: 3938.8

Repaired wiring behind KX155 tray. Function tested.

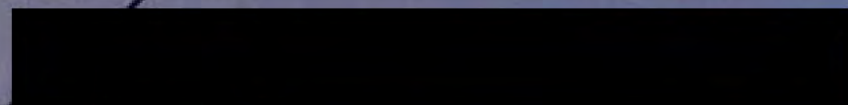
C.R.S. QI2R110L

Aircraft, airframe, aircraft engine, propeller or appliance 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:

Work Order #25785

Date: 08/16/2018

Signed: _____



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



MOONEY M20J, SN 24-1608, N111JP

TACH: 3869.4

Removed trim switch assembly and installed new trim switch assembly
p/n 03112. Function tested.

Aircraft, airframe, aircraft engine, propeller or appliance 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:

Work Order #25666

Date: 06/06/2018

Signed:

[Redacted Signature]

10000 Flying Cloud Drive
Eden Prairie, MN 55347

[Redacted]

C.R.S. Q12R110L

[Handwritten signature/initials]



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 10/05/2018

Tach: 3994.9

N-Number: N111JP

Drain engine oil, removed and inspected oil filter.
Installed new filter P/N AA48103-2 and serviced
engine with 7 qts of Aeroshell 15W-50. Checked
lights, inspected brakes and serviced tires. Ran
engine, op's check and leak check satisfactory.
C/W AD 15-19-07 external fuel injector lines and
clamps by visual inspection. Next due at 4094.9

David Posten

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.)

[illegible]



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 12/04/2018

Tach: 4000.6

N-Number: N111JP

Reinstalled laning light with new retainer P/N 650187-501 and new lens P/N W-2612-DR. Replaced right wing tip nav light lens with new P/N W-2494-RH. Reinstalled fuel pressure ind. and sender, Oil pressure ind. and sender. Placarded fuel pressure and oil pressure indicators inop.

David Posten

IN
CE

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.)

YE/
DA

3/7//2019

N111JP

Tach Time: 4001.4

Engine Total Time: 4001.4

Aircraft Total Time: 4001.4

Engine Time SMOH: 1151.9

Prop TSnew: 1151.9

AD 15-19-07

Aircraft Annual inspection. Inspect aircraft IAW Mooney checklist. Lubricate aircraft IAW Mooney MM. ELT checked IAW FAR 91.207(d), replace batteries by 12/2022 . C/W AD15-17-09 by visual inspection. Inspect battery and battery box, batter checks ok.

Service hydraulic /reservoir, service wheels and brakes, Inspect brakes, replace bearings in left main. Shimmed nose steering horn, install new heim bearing nose steering. Cleaned and inspected re-installed gascolator with new o-ring. Inspect fuel cap o-rings IAW SB M20-229A. Check landing gear operation normal and emergency, landing gear pre-loads checked IAW Mooney MM. Verify operation of lights, warning horns and pitot heat. Install STC SA00432SE EDM 900 IAW with JPI installation instructions, see 337 this date. Remove Tachometer reading 4001.4, manifold pressure gauge, storm scope and instrument cluster. Run up and leak check ok. I certify this aircraft has been inspected in accordance with current FAR's and an annual inspection, and find it to be in an airworthy condition.

Eric Rudningen

ons

of Technician or Repair

MODERN AVIONICS

10000 Flying Cloud Drive
Eden Prairie, MN 55347

ons
of Technician or Repair

MOONEY M20J, SN 24-1608, N111JP

HOBBS: 0.9

TACH: 0.8 + 4001.4 = 4002.2

I certify that the altimeter, static system, transponder, and altitude C.R.S. Q12R110L
reporter test required by FARs 91.411, 91.413 & 91.217 have been
performed and found to be within limits of FAR 43 appendix E, para.
C and appendix F. Tested to 20,000 feet.

Altimeter model:

#1 - 5934P-3

SN 503225

Transponder:

#1 - NGT9000

SN LXE10574

Altitude Reporter:

#1 - SSD120-30N

SN N17048

WO # 26021

DATE: 03/12/2019

BY: _____

Repair



MOONEY M20J, SN 24-1608, N111JP

HOBBS: 0.9

TACH: 0.8

+ 4001.4 = 4002.2

Wired JPI direct to battery buss, eliminating on-off switch. Replaced cluster breaker with 5 amp circuit breaker. Removed EGT gauge from right side panel. Interfaced JPI to GNS530W. Function tested.

Aircraft, airframe, aircraft engine, propeller or appliance 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:

Work Order #26021

Date: 03/14/2019

Signed: _____

10000 Flying Cloud Drive
Eden Prairie, MN 55347

ns

of Technician or Repair

C.R.S. QI2R110L

ALTIMETER SCALE CORRECTION CARD

ALTIMETER S / N 503225
PART NO. 5934P-3

10000 Flying Cloud Drive
Eden Prairie, MN 55349

952 / 941-2783
800 / 525-2783
fax 952 / 941-0206

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-1000	14000	-50
0	0	16000	-40
500	0	18000	-20
1000	+10	20000	0
1500	+10	22000	
2000	+10	25000	
3000	+10	30000	
4000	+10	35000	
6000	-10	40000	
8000	-20	45000	
10000	-40	50000	
12000	-40		

de C.R.S. Q12R110L

een

E, para.

4

Tested by: [REDACTED]

Inspector: [REDACTED]

Date: 3-12-19



952/941-2783

800/525-2783

10000 Flying Cloud Drive

N17P

#4



The Standard

ENGINE LOG

AA-35-2

Engine Record General Information

Manufacturer Lycoming
Serial L-24427-51A

Model IO-360-A3B6D

Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

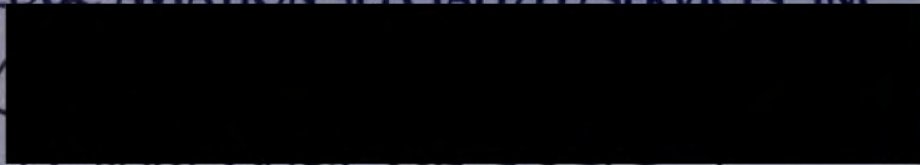
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date 10-29-14 W/O 27800 Tach _____ Model IO-360-A3B6D S/N L24427-51A

This is to certify that the engine identified above was overhauled in accordance with current regulations of the FAA and was approved for return to service. Pertinent details of the overhaul are on file at the repair station.

Overhauled this engine in accordance with overhaul manual. Disassembled, cleaned and inspected all parts. Magnafluxed steel parts and dyed nonferrous parts. Balanced engine. Overhauled dual magneto. Starter was overhauled by SkyTec. Fuel injection system was overhauled and recertified by D & G Supply (see release). Installed new ignition harness, spark plugs and fuel pump. Installed new camshaft and new Lycoming cylinder assemblies. See attached sheet for additional parts replaced. Assembled and test-run engine-checked OK. AD/SB compliance sheets attached.

BOLDUC AVIATION SPECIALIZED SERVICES, INC.



Authorized Signature

(2)

Next in Book # 3 PG (8) 10/30/14 2249.5

[illegible]



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 08/14/2018

Tach: 3938.6

N-Number: N111JP

Drain engine oil, removed and inspected oil filter. Installed new filter P/N AA48103-2 and serviced engine with 7 qts of Aeroshell 15W-50. CW AD 15-19-07 fuel injector lines and clamps by visual inspection, next due at Tach: 4038.6. Ran engine, op's check and leak check satisfactory. Checked lights, inspected brakes and serviced tires.

David Posten

YEAR
20____
DATE

RECORDING TACH TIME

TODAY'S FLIGHT

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alterations

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

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME /
SERVI

Description of Inspections, Tests, Repairs and Alterations



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 05/03/2017

Tach: 3578.0

N-Number: N111JP

Replaced cap on #3 cylinder oil return line. Ran engine, op's check and leak check satisfactory.

David Posten A&P, [REDACTED]



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

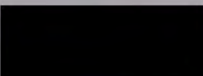
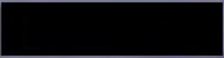
Date: 05/30/2017

Tach: 3613.7

N-Number: N111JP

Inspected engine for oil leaks, no leaks found. Removed tape from oil cooler. Drain engine oil, removed and inspected oil filter. Installed new filter P/N CH48110-1 and serviced engine with 7 qts of Aeroshell 15W-50. Replaced oil return line for #2 cylinder. Checked lights, inspected brakes and serviced tires. C/W AD 15-19-07 Fuel injector lines and clamps by visual inspection, next due at 3713.7 Ran engine, op's check and leak check satisfactory.

David Posten A&P, [REDACTED]

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				 Flying Cloud Airport 952.941.1212 Crystal Airport 763.533.4162 Date: 07/13/2017 N-Number: N111JP Tach: 3661.6 Drain engine oil, removed and inspected oil filter. Installed new filter P/N CH48103-1 and serviced engine with 7 qts of Aeroshell 15W-50. Checked lights, inspected brakes and serviced tires. Ran engine, op's check and leak check satisfactory. David Posten A&P, 
				 Flying Cloud Airport 952.941.1212 Crystal Airport 763.533.4162 Date: 9/15/2017 <i>ENG LOG</i> N-Number: 111JP Tach: 3720.6 Performed 50 hr service; drained oil, removed filter and inspected for metal. Serviced with 7qts Aeroshell 1550 and filter CH48103-1. C/W AD2015-19-07 fuel injection lines and clamps by inspection; next due in 100hrs. Run up operations checked satisfactory. Paul R. Bloch 

YEAR YE
20 20
DATE DA



Flying Cloud Airport
852.941.1212
Crystal Airport
763.533.4162

Date: 03/12/2018
N-Number: N111JP
Eng. M/N: IO-360-A3B6D
Eng. S/N: L-24427-51A

Tach: 3784.5
A/C TSN: 3784.5
Eng TSN: 3784.5
Eng TSO: 935.0

C/W a Annual inspection IAW Mooney MM. AD's checked and are up to date. Removed engine for prop strike inspection IAW AD 04-10-14C1 at Bolduc Aviation. Reinstalled repaired engine IAW Mooney MM. Installed new oil filter P/N CH48103-1 and serviced engine with 7 qts of Aeroshell 15W-50. Cleaned and tested spark plugs. Adjusted mag timing, inspected air filter and exhaust. C/W AD 15-19-07 fuel injector lines and clamps by visual inspection, next due at Tach: 3884.5. AD 17-16-11 N/A By O/H Date. Ran engine, op's check and leak check satisfactory.

I certify that this aircraft engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition

David Posten



Flying Cloud Airport
852.941.1212
Crystal Airport
763.533.4162

Date: 05/11/2018
N-Number: N111JP

Tach: 3834.7

DRain engine oil, removed and inspected oil filter. Installed new filter P/N CH48103 and serviced eng. with 7 qts of Aeroshell 15W-50. Checked lights, inspected brakes and serviced tires. Ran engine, op's check and leak check satisfactory.

David Posten

Alterations
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YEAR
20 ____
DATE

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

of
es.)



AIRCRAFT ENGINE SERVICES, INC.

Date: 2-21-2018 W/O: 30665 Tach: _____ Model: I0-360-A386D S/N: L-24427-51A

Disassemble engine due to propeller strike per Lycoming SB 533B. Complete inspection and rework as required including AD 2004-10-14/MSB 475C. Reassemble engine with all new main and rod bearings, rod bolts and nuts, gear bolt, gaskets and seals.

(NOTE: engine must be pre-oiled, run-up and leak checked after installation).

HORIZON AIRCRAFT ENGINE SERVICES, INC. DBA BOLDUC AVIATION

F.A.A. Approved Repair Station Y28R163C

8891 Airport Road, Minneapolis, MN 55449

[Redacted Signature]

Authorized Signature



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 6/27/2018

N-Number: N111JP

Tach: 3889.7

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Drain engine oil, removed and inspected oil filter. Installed new filter P/N CH48103-1 and serviced engine with 7 qts of Aeroshell 15W-50. C/W AD 15-19-07 external fuel injector lines and clamps by visual inspection, next due at 3989.7. Checked lights, inspected brakes and serviced tires. Ran engine, op's check and leak check satisfactory.

David Posten A&P,



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 10/05/2018

N-Number: N111JP

Tach: 3994.9

Removed and replaced right fuel sump with new P/N F-391-53-S, Leak check satisfactory. Replaced O-Rings P/N MS29513-338 and MS29513-010 in left fuel cap, op's check satisfactory. Replaced damaged chafe tape on left flap. Re-racked #2 COM op's check satisfactory.

David Posten

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and
Entries must be endorsed with Name, Rating and Certificate of
Technician or Repair Facility. (See back pages for other speci

Iterations
Number of
specific entries.)

YEAR

20

DATE

3/7//2019

Tach Time: 4001.4

Aircraft Total Time: 4001.4

Prop TSnew: 1151.9

N111JP

Engine Total Time: 4001.4

Engine Time SMOH: 1151.9

Iterations

Number of
specific entries.)

Engine 100 hr Inspection. Compressions as follow: #1. 77/80, #2. 78/80, #3. 76/80, #4. 77/80. Drain oil, remove filter, cut and inspected, no metal noted. Install new CH48103-1 filter, torqued and saftied. Service with qts Aeroshell 15W50. C/W AD15-17-09 by visual inspection. Inspect magneto, verify timing at 25° BTDC. Install 8 new RHM38E spark plugs with new gaskets. Inspect alternator and starter. Remove, inspect, clean, and re-install fuel servo screen. Inspect exhaust. Inspect propeller and spinner. Inspect and lubricate engine controls. Install new BA6205 air filter element. Run up and leak check ok. I certify this engine has been inspected in accordance with current FAR's and a 100 hr inspection and found to be in an airworthy condition.

Eric Rudningen



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4162

Date: 5/2/2019

Tach: 4047.6

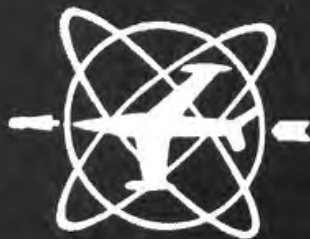
N-Number: N111JP

Performed oil change; drained oil, removed filter and inspected media, no defects noted. Installed filter CH48103-1 and serviced with 7qts of Aeroshell W1550. C/W AD15-19-07 fuel lines and clamps by visual inspection; next due no more than 110hrs. Repaired cylinder #2 engine baffle IAW AC43.13. Replaced oil pressure regulator with AEL77808 and adjusted pressure. Run up operations and leak checked satisfactory.

Signature returns aircraft to service in regards
to the work performed per 14CFR43.9

Paul R. Bloch

HARTZELL



The Standard

PROPELLER LOG

ASA-SP-L



Flying Cloud Airport
952.941.1212
Crystal Airport
763.533.4182

Date: 03/12/2018

N-Number: N111JP

Model: M20J

A/C S/N: 24-1608

Tach: 3784.5

A/C TSN: 3784.5

Prop TSN: 935.0

Prop TSO: 0

C/W a annual inspection IAW Mooney MM. AD's checked and are up to date. Removed prop for prop strike repair. Reinstalled O/H Propeller S/N NS-2138B and safetied IAW Mooney MM. Reinstalled spinner. Ran engine, op's check and leak check satisfactory.

I certify that this aircraft Propeller has been inspected IAW with a Annual inspection and was determined to be in airworthy condition.

David Posten A&P. [REDACTED]