

Inspections, Tests, Repairs and Alterations

orred with Name, Rating and Certificate Number of Technician or Repair
ages for other specific entries.)

check of
ked good.

Make: Mooney Ser. No.: 24-1308
Model: M20J Reg. Mark: N301TV

Date: 9-06-13

Signed: Kenneth Talhelm

Kenneth Talhelm
Pilot Certificate # 3126590

IRCRAFT LOGBOOK

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 Date: 11/22/2013
Model M20J
S/N: 24-1308
Reg. Number: N301TV

Tach: 1969.2



3591 Rickenbacker Street
Boise, ID 83705
208-345-3730

Airframe Logbook Entry

Drained oil and removed oil filter. No excessive contamination noted. Installed oil filter, P/N: CH48108-1 and added 12 quarts of W80 SAE40. Run up and leak check satisfactory. Replaced turn coordinator with overhauled T/C P/N: 1394T1007Z, S/N: B06-10403. No defects noted on work performed.-----END-----
This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be airworthy with respect to the work performed, and subsequently approved to return to service.

Paul Connell
A&P 3356482

Paul Connell

23 JAN 2014 Kenneth REPLACED AIRCRAFT BATTERIES WITH 2X CONCORDE RC-35A
BATTERIES, GROUND RUN/TEST CHECKS 4.8V COMMERCIAL CERT #
3546440 Jon Vandaveer



Pacific Aviation Northwest, Inc.
2244 Carton Way • Grants Pass, Oregon 97526
Phone 541-479-2230 • Fax 541-479-6703
www.pacificaviationnw.com

Mooney M20J

S/N 24-1308

N301TV

Airframe Logbook Entry

May 2, 2014

Tach 1995.3

TOTAL TIME; 3131.7

1. This aircraft has been inspected in accordance with a 100 hr inspection following FAR 43 appendix D.
2. Repaired lower engine baffle by replacing bracket.
3. Replaced scat hose from muffler to fire wall.
4. C/W FAR 91.207(d) by inspection and test of ELT > OK at this time. Battery expiration date is April 2015.
5. Replaced loose rivets in one right wing panel.
6. Replaced left flap anti chafe tape.

RAY V. MARTYN

A&P 3596709

This aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition. Approved for return to service.

RAY V. MARTYN

35967091.A.

END

west, Inc.
nt Pass, Oregon 97526
Fax 541-479-6703
com

301TV Airframe Logbook Entry
TOTAL TIME: 3131.7
with a 100 hr inspection following FAR 43 appendix

ket.

ELT> OK at this time. Battery expiration date is April

P 3596709

an annual inspection and found to be in an

5967091.A.
END _____

Reference of Major Repairs and Major Alterations To

Maintenance Record

JLC Avionics Ashland Municipal Airport
433 Dead Indian Memorial Rd, Ashland, OR 97520 (541) 488-1964

Mooney M20J N301TV S/N: 24-1308 Tach/Hobbs: 2063.8

1. Replaced multiple hose fittings and hose sections to cure excessive leaks in static system.
2. Recalibrated Aspen EFD1000 to tolerances per Aspen document # 991-00023-001 Rev. C tech note 2009-09.
3. Performed FAR 91.411 Altimeter static system and altitude reporting equipment test and inspection per FAR 43 appendix E and F, on Aspen EFD #13598 and standby altimeter S/N: 3A599, to 20,000ft.
4. Performed FAR 91.413 Transponder test and inspection per FAR 43 appendix F on King KT76A Transponder S/N 34480. All checks satisfactory.

The aircraft, airframe or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order #1070.

Signed _____ Date: 6/5/2015
For JLC Avionics CRS 9JAR368B

ng Agency



YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency			
DATE					
		Skinner Aviation Inc.			
		403 Dead Indian Memorial Rd.			
		Ashland, OR. 97520			
06/24/2015	N301TV M20J SN: 24-1308	TTAF: 3200.2	Tach: 2063.8		
	Continental IO-550-A SN: 280431-R	ETT: 2063.8	TSOH: 241.5		
	Hartzell PHC-C3YF-2UF SN: EB5051A	TPP: 927.4	TSOH: 209.6		
	Maintenance at Annual; Changed oil and filter, inspected oil filter for foreign material, none present. Refilled with 12 qts Phillips XC 20-50 oil. Performed routine service and lubrication. Checked all controls for proper travels and security. Replaced all 4 wheel bearings and races in main wheels. Replaced 2 wheel bearings and races in nose wheel. Replaced stall warning horn, replaced gaskets in RH and LH fuel tank outlet flanges. Complied with FAR 91.207d by inspection and function test, no defects, next due at Annual, battery replaced due 06/2017. Repaired lower engine cowl in aft center by reinforcement and fiberglass repair. Replace brake linings on RH and LH main wheels. Replaced fasteners on LH nose gear door. Cleaned treated and repainted RH aft control tube to elevators. Replaced varmint boots on landing gear control rods. Replaced o-rings on all 4 fuel caps. Performed operational check of landing gear system, all operation normal through 5 cycles. I certify this aircraft has been inspected in accordance with FAR 43 app D/Annual inspection guidelines and determined airworthy.				
	 Robert Skinner A&P 3284948 IA				

ner Aviation Inc.
Indian Memorial Rd.
land, OR. 97520
TTAF: 3200.2 Tach: 2063.8
T: 2063.8 TSOH: 241.5
P: 927.4 TSOH: 209.6

ected oil filter for foreign material, none present. Refilled with 12
and lubrication. Checked all controls for proper travels and
main wheels. Replaced 2 wheel bearings and races in nose wheel.
and LH fuel tank outlet flanges. Complied with FAR 91.207d by
Annual, battery replaced due 06/2017. Repaired lower engine cowl
Replace brake linings on RH and LH main wheels. Replaced
repainted RH aft control tube to elevators. Replaced varmint boots.
4 fuel caps. Performed operational check of landing gear system.
aircraft has been inspected in accordance with FAR 43
airworthy.

YEAR:	A.D. NUMBER	TOTAL TIME IN	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
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JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E
Airframe Log Entry N301TV

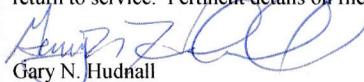
Page 1

Date: 2-5-2016

Tach Time: 2099.9

1. Removed 1ea Garmin GNS430 and installed 1ea Avidyne IFD440. Configured per Avidyne maintenance manual 600-00299-00 Rev. 07. Operational check of the system was normal.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 30032.


Gary N. Hudnall

YEAR:	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives
			Chronological Listing of Compliance and Method of Compliance

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPR185E

Airframe Log Entry N301TV

Page 1

Date: 5-2-2016

Tach Time: 2122.6

Total Time:

1. Complied with saturation of all TKS panels. Operational check of the system was normal. Serviced with 6 gallons of TKS fluid.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 30256.


Gary N. Hudnall

ance and Method of Compliance

Page 1

5-2-2016
Time: 2122.6
Time:

Check of the system was normal. Serviced with 6 gallons of TKS fluid.

ance with current FARs and was found airworthy and is approved for
er no. 30256.

N301TV M20J s/n 24-1308

TCM IO-550-A s/n 280431-R

HARTZELL PHC-C3YF-2UF

8/16/2016

Tach: 2140.4 hrs

TAFT: 3276.8 hrs

Serviced and lubricated airframe. Serviced fuel and air induction systems. Conducted landing gear retraction/extension and emergency gear extension. Checked landing gear over center preload. Pressure/smoked tested exhaust system and tested heater for carbon monoxide. AD 76-07-12 Bendix Ign. Switch function test due every 100 hrs and has been performed by the pilot. Inspected ELT iaw FAR 91.207d (Battery Due Date: 6/2017). Replaced left wing quick drain F391-53S. Replaced nose tire and tube iaw STC to Michelin Air 500x5x6ply. Pack bearing and balanced tire. Inspected aircraft iaw FAR 43, Appendix D. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. *Kenneth Gooch* Kenneth Gooch 21366561/A

11/05/2016 TACH: 2180.7 REMOVED 1EA KELB RT76A, REPLACED W/ AVIODYNE AXP340 XPA0062
TAFT: 3317.1 REMOVED 1EA GARMIN GMA340, REPLACED WITH PSENG PMA800BT
AUDIO PANEL OP CHECK OF SYSTEMS NORMAL. *JG* # 3546440



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E

Date: 4-13-2017
A/C Total Time: 2205.7
Tach: 2205.7

Airframe Log Entry N301TV

1. Installed new owner provided mount tray, (p/n 00223-00, batch number NM150216-1) for the existing AXP-340 transponder and secured.
2. Installed 2each new wires from the existing IFD 440 to the transponder for ADS-B operation.
3. Accomplished Avidyne service bulletin # 601-00182-034 R01, dated 3-10-2017 on IFD 440 software upgrade to Version 10.2.0.0 per provided instructions; system ground ops checked okay with no problems noted.
4. I certify that the altimeter and static system tests have been performed in accordance with FAR 43 Appendices E and F to comply with FAR 91.411. The altimeter was tested to 20,000 feet.
5. I certify that the Transponder system has been tested in accordance with FAR 43, Appendix F and current advisory circulars to comply with FAR 91.413.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 30950.

Richard T. Fontes

A handwritten signature in black ink that reads "Richard T. Fontes".

Removal of Optional Equipment
 Addition of Required-Exchanged for Optional
 Removal of Required-Exchanged for Optional

FR

Date: 4-13-2017
 A/C Total Time: 2205.7
 Tach: 2205.7

1TV

per NM150216-1) for the existing AXP-340 transponder and secured.
 for ADS-B operation.

3-10-2017 on IFD 440 software upgrade to Version 10.2.0.0 per

blems noted.

d in accordance with FAR 43 Appendices E and F to comply with FAR

with FAR 43, Appendix F and current advisory circulars to comply with

nce with current FARs and was found airworthy and is approved for
 no. 30950.

- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional

YEAR: DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange			
		Item	Manufacturer's Name	Model	Serial Number
5/19/17	TAFT 3344.4	REPLACED CRACKED SPINNER w/ NEW HARTZELL SPINNER # D-3273-2P. TEST RUNUP NORMAL.			<i>J. M. #3546448</i>
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
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					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional

TAC + 1136.4 = TTAF

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.)



AIRFRAME LOG

Reg # N301TV

Date: August 16, 2017 Aircraft Manuf./Model Mooney M20J S/N: 24-1308 Hobbs Time: 3075.8

1. Uploaded Software MAP v2.9 and IOP v2.1 IAW Software Service bulletin SB2016-04 dated September 14, 2016.
2. Activated Angle of attack in EFD IAW Aspen Tech Note TN2011-10 Rev. C dated September 29, 2016. Configured IAW Aspen EFD 1000 Installation manual No. 900-00003-001 Rev. BP dated September 2016. Appendix K. Operational Tested satisfactory.
3. Activated Synthetic Vision IAW Aspen Tech note TN2011-10 Rev() dated September 29, 2016. Configured IAW Aspen EFD 1000 Installation manual No. 900-00003-001 Rev. BP dated September 2016. Operational tested Satisfactory.
4. Activated ADSB IAW Aspen Tech Note TN 2014-02 dated December 9, 2016.
5. Prepared and added FMS Doc# 900-00008-001 dated November 18, 2016.
6. Details of the work accomplished may be found under Work Order # 002371 on file at this agency. The Aircraft is returned to service this date only for the work completed.

Signed: Terri Jones
for:

Chief Avionics FAA Approved Repair Station #D3BR270J
1301 Brookside Blvd., Grants Pass, OR 97526 Phone (541) 476-6605

Section of Inspections, Tests, Repairs and Alterations

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FRAME LOG

eg # N301TV

Mooney M20J S/N: 24-1308 Hobbs Time: 3075.8

re Service bulletin SB2016-04 dated September

TN2011-10 Rev. C dated September 29, 2016.
D. 900-00003-001 Rev. BP dated September

1-10 Rev() dated September 29, 2016.
o. 900-00003-001 Rev. BP dated September

ed December 9, 2016.
ember 18, 2016.

work Order # 002371 on file at this agency. The completed.

Approved Repair Station #D3BR270J
Mounts Pass, OR 97526 Phone (541) 476-6605