

#2

N43FM

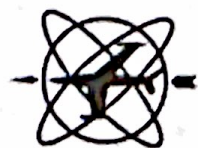


*The Standard*

**AIRCRAFT LOG**

AM-54-1





*The Standard*

# **AIRCRAFT LOG**

**ASA-SA-1**



**Aircraft Record** General Information

Manufacturer Noonsey Model M20R Ovation

Serial 29-0139 Registration Number N43FM

Date of Manufacture \_\_\_\_\_

**Engine(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_



## Registered Owner Record

Name BURT WILSKER Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_



[illegible]



**CROWNAIR - CRQ**  
**FAA APPROVED REPAIR STATION #QQ9R189B**  
**2006 PALOMAR AIRPORT RD., SUITE 101**  
**CARLSBAD, CA 92011**

N43FM  
1-14-10

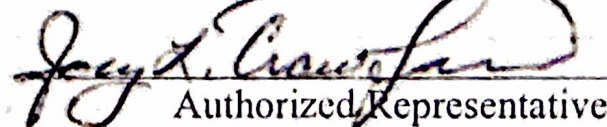
MOONEY M20R  
HOBBS: 959.9 HRS

S/N: 29-0139

**Performed the following maintenance:**

- Replaced pilot's seat rails with new P/N 340156-067 and new P/N 340156-069. All work done I/A/W Mooney M20R M/M, Chap. 53-00-00.
- Replaced R/H wing strobe light assy and Nav light assy with new P/N A650. Replaced R/H recognition light assy with new P/N 880049-501. Replaced retainer with new P/N 210385-006. All work done I/A/W Mooney M20R M/M, Chaps. 33-42-00, 33-41-03 & 20-00-00.
- Replaced L/H wing static wick with new P/N 10-900-60/1 and new base P/N 10-900-85. All work done I/A/W Mooney M20R M/M, Chap. 27-60-00.

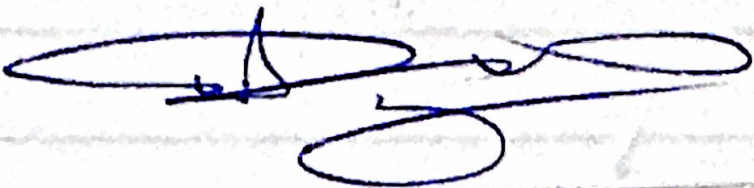
I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. Pertinent details of this repair are on file at this Repair Station under Work Order #AF-09-05867.

  
Authorized Representative



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 M20R S/N 29-0139 REG NO 43FM WORK ORDER 4383-03-2010			<div data-bbox="543 370 682 515" data-label="Image"> </div> <div data-bbox="690 375 1056 411" data-label="Text"> <p><b>Top Gun Aviation, Inc.</b></p> </div> <div data-bbox="690 419 921 502" data-label="Text"> <p>6100 S Lindbergh St            Stockton, CA 95206            Phone 209-983-8082</p> </div> <div data-bbox="1640 368 1837 451" data-label="Text"> <p>DATE 4/23/2010            A/C TSN 985 5            TACH 985 5</p> </div> <div data-bbox="226 562 483 595" data-label="Section-Header"> <p><b>Airframe Entries</b></p> </div> <div data-bbox="226 607 1791 738" data-label="Text"> <p>(2) Removed trim actuator cleaned and repacked bearings. Rechecked trim travels. Checked good.... (3) Inspected and lubed throttle control.... (5) Tested operation of EGT and CHT probes for #2 cylinder. Checked OK. Reset EDM 700 to factory defaults. Ops checked OK.... (6) Installed new Lake Aero tie downs.... (9) Inspected yokes shafts for binding. Checked good.... (10) Opps check landing gear operation for circuit breaker popping could not reproduce any problems all checked OK.</p> </div> <div data-bbox="226 767 995 794" data-label="Text"> <p>I certify that this AIRCRAFT is airworthy with respect to the work performed</p> </div> <div data-bbox="226 843 449 873" data-label="Text"> <p>DATE: 4/23/2010</p> </div> <div data-bbox="625 843 735 873" data-label="Text"> <p>SIGNED</p> </div> <div data-bbox="724 740 1375 893" data-label="Text"> </div> <div data-bbox="619 889 970 917" data-label="Text"> <p>Mark T. Rouch, IA 566534421 IA</p> </div> <div data-bbox="1493 840 1841 871" data-label="Text"> <p>Work Order: 4383-03-2010</p> </div> <div data-bbox="1386 889 1841 920" data-label="Text"> <p>Printed by EBis 3 (datcomedia.com)</p> </div>



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Aircraft: Mooney    Model M20R    S/N: 29-G139    N#: N43FM 1. Installation of DAC International GDC31 Roll Steering Converter in accordance with DAC International STC # SA10236SC date issued March 02, 2007. 2. The GDC31 Roll Steering Converter is interfaced to the existing Garmin GNS-530W GPS for GPSS Steering information. 3. The GDC31 Roll Steering Converter is interfaced to the existing KFC 150 autopilot for HDG/GPSS input. 4. The GDC31 Roll Steering Converter is interfaced to the existing KI-525A HSI for heading/course reference. 5. The GDC31 Roll Steering Converter is circuit protected by the 2 Amp Klixon 7277-2-2 (or Similar) Amp circuit breaker labeled "GPSS". 6. The DAC International GDC31 Annunciator is mounted in the lower left side of the pilot's panel below the clock. 7. The Airplane Flight Manual Supplement, (required to be attached to, or remain to, or remain with, the Approved Flight Manual) P/n No. 1049-2100-02 Rev A dated October 7, 2005 (or later FAA approved revision) is required for this installation. 8. Electrical load can be safely controlled or managed within rated limits of the aircraft's electrical power supply system per AC 43.13-1B, Paragraph 11-36 (b) and (c). 9. Electrical Components added are circuit protected in accordance with AC 43.13-1B, Paragraphs 11-47, 11-48, 11-49 and 11-50. 10. Wiring used meets all requirements of AC 43.13-1B, Paragraph 11-77(d), and Paragraph 11-66, subparagraphs (b) and (c) and has been installed in accordance with AC 43.13-1B, Paragraph 11-96, subparagraphs a, c, d, f, g, and ee. 11. Aircraft Weight and Balance re-computed in accordance with AC 43.13-1B Paragraph 10-16 by Top Gun Aviation dated 4/23/2010. 12. Aircraft Equipment List updated as per AC 43.13-1B Paragraph 10-19 13. Logbook entries complied with. <div style="text-align: center;">END</div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <b>Return to Service</b>  <b>TJR Electronics</b>  <b>XB32965L</b> </div> <div style="text-align: center;">   <b>April 23, 2010</b> </div> </div>







(for J & R stockton)

Burt Wilske

16423 DATE 5/27/19

SIGNED FOR:  
J and R Electronics

## J and R Electronics

20511 Skywest Drive  
Hayward, CA 94541  
FAX 90720651

## Repair

<b>YEAR:</b> _____	<b>RECORDING TACH TIME</b>	<b>TODAY'S FLIGHT</b>	<b>TOTAL TIME IN SERVICE</b>	<b>Des</b> <b>Entr</b> _____
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**DATE**

Aircraft: Mooney Model: M20R N# 43FM Date: May 17, 2010.

1. Replaced Bendix/King KX-165 socket p/n 030-02335-0000 and display p/n 037-00073-0000.
2. Adjusted digital bearing slightly and VOR was centered slightly.

-END

THE MAINTENANCE OR  
ALTERATION OF THE  
ARTICLE IS AIRWORTHY WITH  
RESPECT TO THE  
WORK PERFORMED

## J & R ELECTRONICS

20511 SKYWEST DR.

HAYWARD, CA 94541

## F.A.A. REPAIR STATION

XB3R965L

**Signature**

*[Handwritten signature]*



YEA

DAY

**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM

Mooney M20R

S/N: 29-0139

10-01-10

Hobbs: 1028.5 Hrs

**Maintenance Performed:**

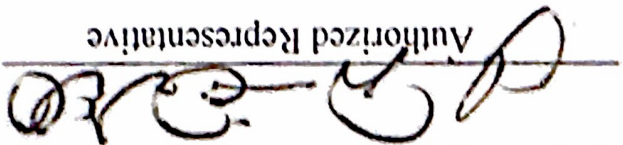
- Complied with **Annual Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test I/A/W FAR 91.207(d) and found satisfactory.
- Inspected R/H wing fuel quick drain for leaks and none found at this time.
- Tested parking brake and Ops checked good.
- Checked operation of air-conditioning system and found OK.
- Greased all wheel bearings as required.
- Repaired tail strobe light by installing splice connectors and heat shrink as required. Ops checked good at this time.
- Weight checked portable fire extinguisher and found within limits (2.96 Oz).
- Replaced both main tires with new P/N 070-314-0, L/H S/N 44S00419 and R/H S/N 45S00137. Torqued bolts to 150 in/lbs and serviced to 42 psi.
- Replaced both fuel cap o-rings with 2 each new P/N MS29513-010 and 2 each new P/N MS29513-338.
- Repaired L/H & R/H outboard main gear doors as required and adjusted rod end on R/H outboard door for proper fit. Painted L/H & R/H outboard gear doors as required.
- Complied with **AD 99-11-07** by fabricating and installing air-conditioning placard on the instrument panel as per AD instructions.

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.)

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. LT-10-04924.

Authorized Representative





Registration N43FM

Pilot

X

Copilot

Standby

ALTITUDE	SCALE ERROR	FRICION ERROR	Case leak	HYSTERESIS	UP READING	DOWN READING
-1,000 (20')	-15		OK @ 18,000'	+/- 75'		
0 (+/- 20')	-5					
500 (20')	+20					
1,000 (20')	+5	5			40%	+30
1,500 (25')	-5				50%	+35
2,000 (30')	-5	5				
3,000 (30')	-5	5				
4,000 (35')	-10					
5,000		5				
6,000 (40')	-10					
8,000 (60')	+10					
10,000 (80')	+10	10				
12,000 (90')	+20					
14,000 (100')	-20					
15,000		20				
16,000 (110')	-30					
18,000 (120')	-40					
20,000 (130')	-30	20				
22,000 (140')						
25,000 (155')						
30,000 (180')						
35,000 (205')						
40,000 (230')						
45,000 (255')						
50,000 (280')						
53,000						
55,000						

AFTER EFFECT 15 +/- 30'

BARO. SCALE ERROR (+/- 25')

28.10 (-1,727) -1725

28.50 (-1,340) -1345

29.00 (-863) -875

29.50 (-392) -400

29.92 (0) 0

30.50 (+531) 525

30.90 (+893) 890

30.99 (+974) 970

ALTIMETER OR ADC SERIAL NO.

39E411

DATE TESTED

4-24-07

TECHNICIAN

W08

Tested in compliance with FAR Part 43 Appendix E

Calibrated to

20,000 feet



FLIGHT LINE  
AVIONICS INC.

CRS F18R921Y

North County Airport

11550 Aviation Blvd. Suite 3, West Palm Beach, FL 33412

(772) 871-1991

S/N: 29-0139

and found to comply with

and found to comply with

84110323  
3477

iation Regulations and was  
Order #LT-10-04924.

Signature

entative

**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
10-01-10

Mooney M20R  
Hobbs: 1028.5 Hrs

S/N: 29-0139

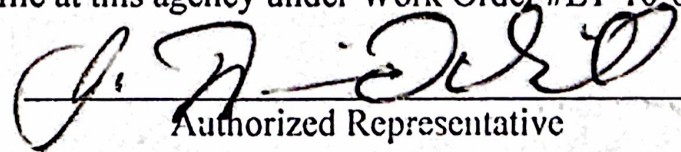
I certify that the altimeter(s) and static system test required by **FAR 91.411** have been performed and found to comply with FAR 43, Appendix E. All systems checked good. The altimeter(s) has been tested to 30,000 feet.

I certify that the ATC transponder test and inspection required by **FAR 91.413** has been performed and found to comply with FAR 43, Appendix F.

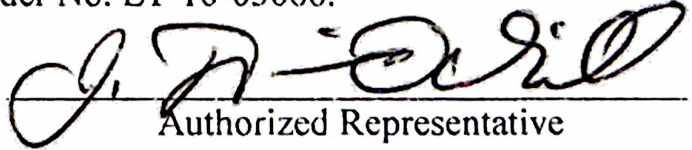
Altimeter 5934PA-3 S/N: 39E411  
Encoder AT-3000 S/N: 740177

#1 Transponder GTX330 S/N: 84110323  
#2 Transponder KT-76C S/N: 3477

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this agency under Work Order #LT-10-04924.

  
Authorized Representative



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<p style="text-align: center;"> <b>Air 88 Inc. dba CROWNAIR</b>  <b>FAA Approved Repair Station #CWNR273K</b>  <b>3753 John J. Montgomery Dr.</b>  <b>San Diego, CA 92123</b> </p>				
<div style="display: flex; justify-content: space-between;"> <div> <p>N43FM 12-13-10</p> </div> <div> <p>Mooney M20R Hobbs: 1056.1</p> </div> <div> <p>S/N: 29-0139</p> </div> </div>				
<p><b><u>Maintenance performed:</u></b></p> <p>- Installed two new terminals P/N: 36152 on harness end of #2 EGT probe</p>				
<p>I certify that with respect to the work performed this <b>airframe</b> was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. LT-10-05066.</p>				
<div style="text-align: right;">             Authorized Representative         </div>				



YE

Page 1 of 3

DA

**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
11-08-11

Mooney M20R  
Hobbs: 1153.9 Hrs

S/N: 29-0139  
ACTT: 1153.9 Hrs

**Maintenance Performed:**

- Complied with **Annual Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test I/A/W FAR 91.207(d) and found satisfactory. ELT batteries due replacement on March 2015.
- Verified compliance of **AD 99-11-07** and found P/C/W by installation of air-conditioning placard on the instrument panel. Installed new carbon monoxide detector, P/N 09-35601 as per Mooney **SB M20-270**. No further action required.
- Removed EDM 700-6C, P/N EGT 701-6C, S/N 21622, sent out for repair and reinstalled. Checks good at this time.
- Replaced static wick and base on R/H aileron with new P/N 10-900-60/1 and P/N 10-900-85 respectively.
- Replaced inside and outside o-rings on L/H & R/H fuel caps with new P/Ns MS29513-338 & MS29513-010.
- Cleaned, inspected and greased all wheel bearings.
- Repaired baggage compartment light by disconnecting and reconnecting wires at per customer's request. Light working normal at this time.
- Repaired INOP L/H taxi light by tightening loose ground wire as required. Ops checked good at this time.
- Repaired INOP rotating beacon light by installing new bulb P/N 34-0226010-91 and repaired light socket connectors. Ops checked good.



Air 88 Inc. dba CROWNAIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.  
San Diego, CA 92123

N43FM  
11-08-11

Mooney M20R  
Hobbs: 1153.9 Hrs

S/N: 29-0139  
ACTT: 1153.9 Hrs

**Maintenance Performed:**

- Adjusted R/H main gear tension as required I/A/W Mooney M20R MM.
- Replaced nose wheel bearing and race with new P/N 08125 & P/N 08231 respectively.
- Replaced R/H main inboard wheel bearing grease felt seal with new P/N 154-30010.
- Adjusted loose tension on air-conditioner compressor belt to 0.3 to 0.4 inches deflection under 5 lbs force I/A/W Mooney MM, Chap. 21.
- Replaced defective MD26-28 converter, S/N K97160 with new unit, S/N H11-10057. Ops checked good I/A/W WX-950 I.M. 009-10950-001.
- Performed Garmin software upgrade on customer's GNS-530W to Main S/W version 3.30 per Garmin Software SB No. 0918, Rev. A and GPS S/W version 3.2 per Garmin Software SB No. 0848, Rev. B. AFMS & pilot's guide updated as required.

I certify that this aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.



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Page 3 of 3

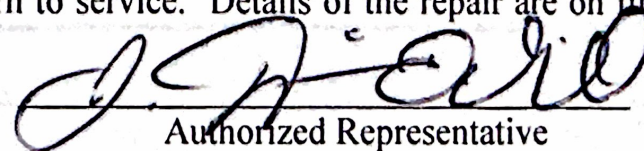
Air 88 Inc. dba CROWNAIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.  
San Diego, CA 92123

N43FM  
11-08-11

Mooney M20R  
Hobbs: 1153.9 Hrs

S/N: 29-0139  
ACTT: 1153.9 Hrs

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-11-05538.

  
Authorized Representative




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
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**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
 7-05-12

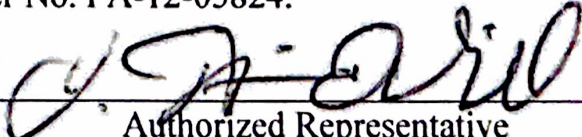
Mooney M20R  
 Hobbs: 1223.3 Hrs

S/N: 29-0139

**Maintenance performed:**

- Removed, cleaned and resealed left and right brake calipers using new o-rings, P/N MS28775-222. Reinstalled left and right brake calipers and bled brake system. Serviced brake reservoir as required.
- Replaced brake linings on right side with new P/N 066-10500.
- Replaced left brake caliper hose fitting with new P/N MS20823-3D. Leak checked good at this time.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05824.

  
 Authorized Representative



YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
D.	Page 1 of 3	<b>Air 88 Inc. dba CROWNAIR</b> <b>FAA Approved Repair Station #CWNR273K</b> <b>3753 John J. Montgomery Dr.</b> <b>San Diego, CA 92123</b>		
	N43FM	Mooney M20R	S/N: 29-0139	
	12-10-12	Hobbs: 1272.8 Hrs	ACTT: 1272.8 Hrs	
	<b><u>Maintenance Performed:</u></b>			
	<ul style="list-style-type: none"> <li>- Complied with <b>Annual Inspection</b> I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.</li> <li>- Complied with annual ELT inspection and functional test I/A/W FAR 91.207(d) and found satisfactory. ELT batteries due replacement on March 2015.</li> <li>- Complied with <b>AD 2012-05-09 (SB M20-313A)</b> by inspection and found that the empennage trim fitting and mounting hardware are positioned correctly. No further action required.</li> <li>- Replaced inside and outside fuel cap o-rings on left and right sides with new P/N MS29513-338 &amp; P/N MS29513-010.</li> <li>- Replaced all tires with customer supplied new tires, i.e. Nose tire, P/N 06-07100, S/N 21707642; L/H main tire, P/N 06-07300, S/N 22237755; and R/H main tire, P/N 06-07300, S/N 22287655.</li> <li>- Removed, inspected, cleaned and greased all wheel bearings.</li> <li>- Removed and replaced oxygen bottle due to 15 year life limit. Installed Compressed Gas Systems, LLC overhauled oxygen bottle assy, P/N 895-08015, S/N 282-28259 with regulator P/N 803216-03, S/N 902 &amp; attitude regulator S/N 4189. Cylinder hydrostatic test due on November 2017; and cylinder expires on October 2032.</li> </ul>			



YEA

DAT

Page 2 of 3

Air 88 Inc. dba CROWNAIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.  
San Diego, CA 92123

N43FM

Mooney M20R

S/N: 29-0139

12-10-12

Hobbs: 1272.8 Hrs

ACTT: 1272.8 Hrs

**Maintenance Performed:**

- Repaired INOP flashing beacon by removing lens, checked bulb, tightened connections and reinstalled. Checks good at this time.
- Replaced vacuum regulator filter with new P/N ARB3-5-1.
- Replaced L/H & R/H main gear shock discs with new P/N J-11968-14.
- Cleaned nose gear doors and entire length of belly.
- Repaired INOP landing gear warning horn by replacing microswitch cam assy with new P/N JE-17 and adjusted as required.
- Replaced L/H main brake lining with new P/N 66-105 using new rivets, P/N 105-2. Cleaned L/H & R/H brake caliper slide pins and holes.
- Repaired several INOP glareshield lights by tightening connections as required. Replaced one GE327 bulb. Lights tested good at this time.
- Shimmed nose steering horn using P/N 720013-007 & P/N 720013-009. Tightened steering rod ends and components as required.



DA Page 3 of 3

Air 88 Inc. dba CROWNAIR  
 FAA Approved Repair Station #CWNR273K  
 3753 John J. Montgomery Dr.  
 San Diego, CA 92123

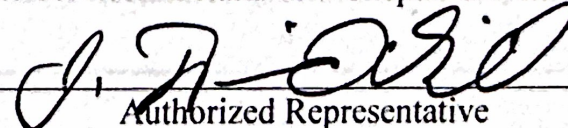
N43FM  
 12-10-12

Mooney M20R  
 Hobbs: 1272.8 Hrs

S/N: 29-0139  
 ACTT: 1272.8 Hrs

I certify that this **aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-12-05961.

  
 Authorized Representative




**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
12-10-12

Mooney M20R  
Hobbs: 1272.8 Hrs

S/N: 29-0139  
ACTT: 1272.8 Hrs

I certify that the altimeter(s) and static system test required by **FAR 91.411** have been performed and found to comply with FAR 43, Appendix E. All systems checked good. The altimeter(s) has been tested to 25,000 feet.

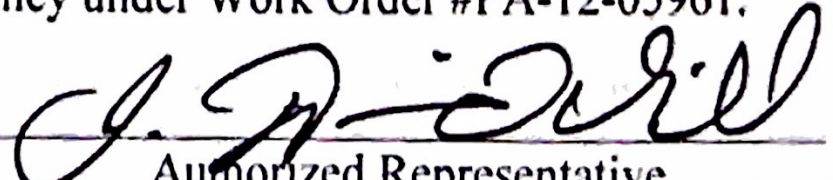
I certify that the ATC transponder test and inspection required by **FAR 91.413** has been performed and found to comply with FAR 43, Appendix F.

Pilot's Altimeter S/N: 39E411  
Encoder AT-3000 S/N: 7450177

#1 Transponder GTX330 S/N: 84110323

Witnessed blind encoder off by as much as 200 feet. Gained access to and adjusted Terra AT3000 Encoder per Pub. #1900-4099-00.

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this agency under Work Order #PA-12-05961.

  
Authorized Representative



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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**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
4-15-13

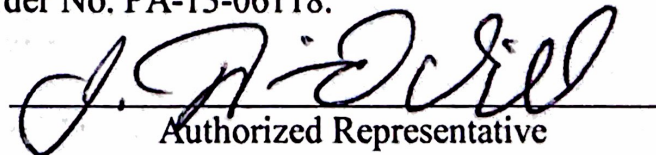
Mooney M20R  
Hobbs: 1299.5 Hrs

S/N: 29-0139

**Maintenance performed:**

- Replaced L/H & R/H fuel tank quick drains with new P/N F391-53S. Leak checked good.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-13-06118.

  
 Authorized Representative



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
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**Air 88 Inc. dba CROWNAIR**  
**FAA Approved Repair Station #CWNR273K**  
**3753 John J. Montgomery Dr.**  
**San Diego, CA 92123**

N43FM  
11-07-13

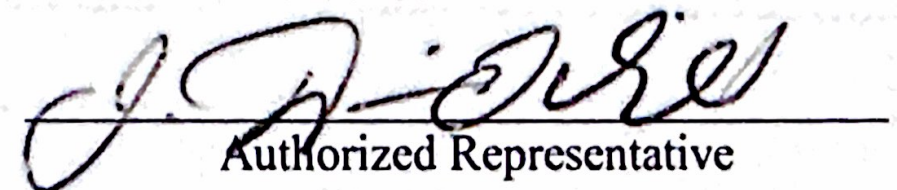
Mooney M20R  
Hobbs: 1331.6 Hrs

S/N: 29-0139



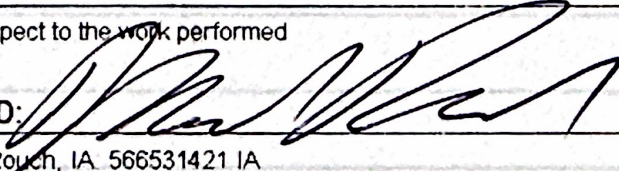
**Maintenance performed:**

- Jacked aircraft and removed belly panels for access. Replaced landing gear down relay with new P/N 26-27-03 50A 24V. Cycled landing gear through several full cycles with no problems. Reinstalled belly panels and removed aircraft from jacks.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-13-06335.

  
Authorized Representative



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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 M20R S/N 29-0139 REG NO 43FM WORK ORDER 5586-12-2013	 	<b>Top Gun Aviation, Inc.</b> 6100 S Lindbergh St Stockton, CA 95206 USA Phone 209-983-8082	DATE 12/13/2013 A/C TSN 1340 4 TACH 1340 4
<b>Airframe Entries</b> (1) Replaced the gear down limit switch and landing gear preloads.				
I certify that this AIRCRAFT is airworthy with respect to the work performed				
<b>DATE: 12/13/2013</b>		<b>SIGNED:</b>  Mark T. Rouch, IA 566531421 IA		<b>Work Order: 5586-12-2013</b> <b>Printed by EBis 3 (datcomedia.com)</b>



Page 1 of 2

Air 88 Inc. dba CROWNAIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.  
San Diego, CA 92123

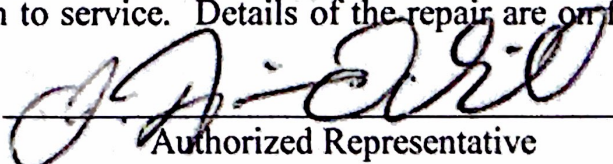
N43FM  
1-13-14

Mooney M20R  
Hobbs: 1350.2 Hrs

S/N: 29-0139  
ACTT: 1350.2 Hrs

**Maintenance Performed:**

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test I/A/W FAR 91.207(d) and found satisfactory.
- Installed new ELT batteries P/N MN1300R4 all dated December 2023.
- Replaced vacuum pump with new P/N 1U128-006, S/N T44367H. Removed and cleaned all hoses and reinstalled. Ground run Ops checked good.
- Replaced vacuum pump inline filter with new P/N AA2J4-6 and replaced worn out attaching clamps.
- Cleaned buttons on Garmin 530 with Aero 600 Avionics cleaner.
- Replaced inside and outside fuel cap o-rings with new P/N MS29513-010 and P/N MS29513-338.
- Removed flashing beacon light, tightened soldered connections, reinstalled lamp and lens, Ops checked good at this time.
- Removed loose rivets on right main inboard gear door and replaced with 7 each new Cherry Max rivets P/N CR3213-4-3.
- Adjusted air conditioner drive belt tension I/A/W Mooney M20R MM.

YEAR:	RECORDING TAG	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
DA	Page 2 of 2			
Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123				
N43FM	Mooney M20R		S/N: 29-0139	
1-13-14	Hobbs: 1350.2 Hrs		ACTT: 1350.2 Hrs	
<b><u>Maintenance Performed:</u></b>				
<ul style="list-style-type: none"><li>- Tightened jam nut and safety wired prop governor adjustment screw.</li><li>- Removed cracked exhaust muffler, sent to Custom Aircraft Welding for repair and reinstalled using new exhaust gaskets on cylinders #1, #3 and #5. Attached right side ball joint using new bolts P/N AN3C-13.</li></ul>				
I certify that this aircraft has been inspected in accordance with an <b>Annual Inspection</b> and was determined to be in airworthy condition.				
I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-14-06399.				
 Authorized Representative				





[illegible]



YEAR:

RECORDING  
TACH  
TIMETODAY'S  
FLIGHTTOTAL  
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

November 26, 2014 N43FM Tach 1384.6

1. Reattached cable end to oxygen on/off selector knob.

10217 31st Ave W, C51  
Paine Field, Everett, WA 98204*Kevin Vogel*  
Kevin Vogel AP2876667

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<div data-bbox="735 252 1312 382" data-label="Image"> </div>
12/16/2014		N 43FM		Tach 1386.7      WO# 10755  Performed transponder biennial test and inspection required by FAR 91.413 (a) & FAR 43 Appx. F. Performed Altimeter and automatic altitude reporting equipment inspections and tests required by FAR 91.411 (a)(1) & FAR 43 Appx. E (b)(c) to 20,000 ft. Performed static system check per FAR Part 23.1325 (b)(2)(i).  <div data-bbox="252 652 1312 770" data-label="Text"> </div>
				FAA Repair Station IH6R613N



February 9, 2015 N43FM Hobbs 1389.6 TT 1389.6

YEA

DATE

1. Replaced ELT system including remote switch, wiring harness, and antenna. Removed Ameri-King AK-450, installed 406 MHz ACK E-04, S/N 11859, Hex ID: 2DC86 A5CA6 FFBFF. Main ELT battery due 12/3/2019, Remote switch battery due 2/2025, audio alert battery due 2/2025. ELT inspected per FAR91.207, no defects noted. Updated weight and balance information.
2. Readjusted oxygen control and serviced oxygen system to 1800 psi per AC43.13.
3. Installed chafe tape on flap skin at contact area with wing trailing edge.
4. Removed both speedbrake cartridges, cleaned, and regreased wormgear and sprockets. Ops good.
5. Tightened loose bolt (aft) at elevator control bellcrank on aft fuselage bulkhead.
6. Adjusted gear motor clutch release cable and tightened jam nuts on gear motor assembly.
7. Replaced left nose gear door actuating rod lower rod end and adjusted door fit.
8. Trimmed baffling along lower edge to eliminate chafing on lower cowl fiberglass.
9. Replaced heat shield fabric in lower cowl as necessary.
10. Removed owner's 796 GPS mount and wiring from left yoke.
11. Installed battery minder cable with inline fuse on each battery at bracket on right side of fuselage.
12. Replaced two broken nutplates in left wing inspection panel attach points.

I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



10300 28th Ave W

Paine Field, Everett, WA 98204

Brian S. Barth AP2651452IA

YE

December 22, 2015 N43FM Hobbs: 1418.20

Technician or Repair

DA

1. Removed and replaced engine driven vacuum pump with new PN: AA3216CW SN: 09L205.

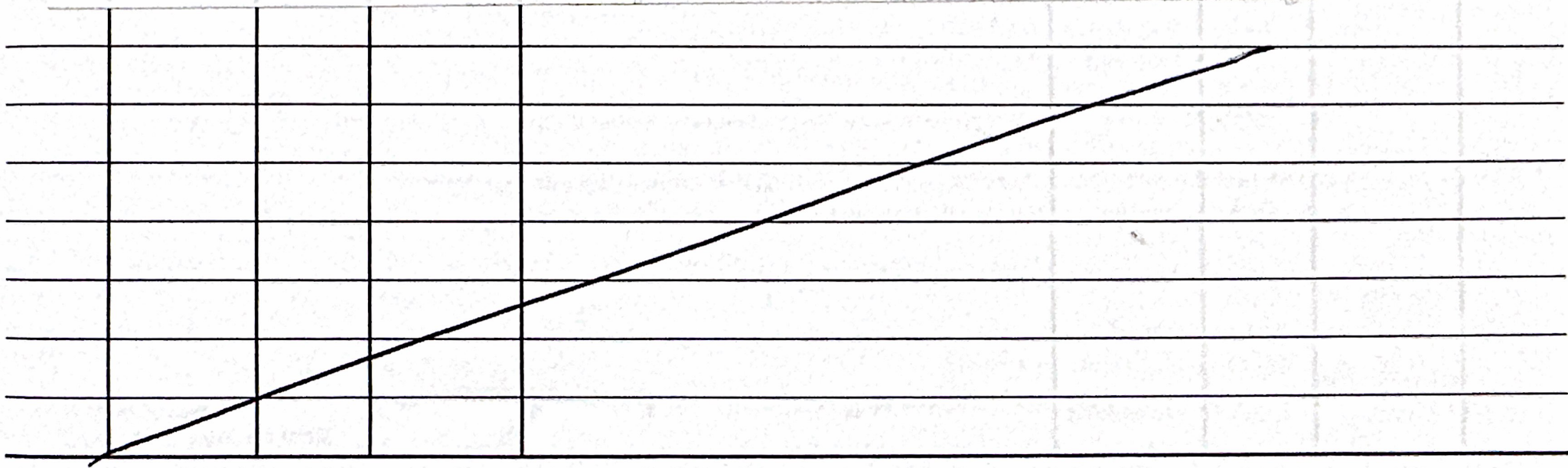


10217 31st Ave W, C51

Paine Field, Everett, WA 98204

*Markus Bosch*

Markus Bosch AP3139438





YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
DATE	March 4, 2016	N43FM	Hobbs 1420.5 TT 1420.5	

1. ELT inspected per FAR91.207, no defects noted. Main battery due 12/2019, remote battery due 2/2025.
2. Cleaned, inspected, and repacked all wheel bearings.
3. Replaced both brake discs and linings.
4. Replaced o-rings in right brake master cylinder. Replaced boss o-ring for right fitting on parking break valve. Bled brake system and serviced reservoir.
5. Adjusted right flap up stop. Applied section of anti-chafe tape where loose as necessary.
6. Adjusted elevator down stop to proper travel position.
7. Tightened inboard static wick on left elevator.
8. Replaced both fuel cap outer o-rings P/N MS29513-338.
9. Replaced tail strobe bulb P/N A625D.
10. Serviced oxygen system per AC43.13.
11. Inspected carpet replacement performed by North Country Interiors. Material burn certs installed in logbooks.

I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



10300 28<sup>th</sup> Ave W  
Paine Field, Everett, WA 98204

Brian S. Barth AP2651452IA

repair

10/05/2016

N43FM

Hobbs: 1444.6

WO# 11227

The GTX 330 (011-00455-00) sn: 84110323 unit was removed and upgraded to a GTX 330-ES (011-00455-60) unit by Garmin per Garmin FAA Form 8130-3 No. RMA 90397904 by Certificate No. G6XR582Y dated 09/26/2016. The upgraded unit was installed using provisions remaining from the standard GTX330 unit. The GTX 330-ES software is now v8.02

The GTX 330-ES (ADS-B Out) Transponder was interfaced with the previously-installed GNS 530W Nav/Com/GPS for GPS source position and ADS-B Out functionality in accordance with Garmin Installation Manual 190-00734-10, Rev. 6.

This aircraft and interfaced equipment is covered under the Garmin STC# SA01714WI; and FAA approved Garmin Master Drawing List 005-00734-04 Rev. 8.

Inserted the FAA Approved Flight Manual Supplement Doc. No. 190-00734-15, Rev. 2 into the Airplane Flight Manual.

Refer to FAA Form337 dated 10/05/2016 and Crown Aviation Avionics Work Order #11227 for details.

The GNS 530W Software was updated to Main v5.30 per Garmin SB 1606\_Rev. B; and to GPS v5.0 per Garmin SSB 1317, Rev. A

The transponder antenna was replaced with a new Comant CI 105 sn: 78903, mounted in the same location.

No Weight/Balance change.

*The GTX330-ES Transponder was inspected and tested as required by FAR 91.413 and is in compliance with Part 43, App. F and E to 20,000 feet. The Static System was inspected and tested and is in compliance with FAR 23.1325 (b)(2)(i). The Altimeter and Altitude Encoder have been inspected and tested as required by FAR 91.411 and are in compliance with Part 43, App. E to 20,000 feet.*

*The compass diaphragm was replaced and the fluid replenished per Crown Aviation Avionics Procedure # 11-9-82.*

**Crown Aviation**  
General Aviation Specialists

*Timothy A. Ren*

FAA RS# IH6R613N

10300 28<sup>th</sup> Avenue W

Paine Field, Everett, WA 98204



YEAR:

RE

TA

TII

05 Oct 16

N43FM

Hobbs: 1444.6

nician or Repair

DATE

1. Remove and replace left main tire with new Goodyear 606C61B1 tire, s/n 61395880.

**REGAL AIR**  
PAINE FIELD • EVERETT, WA10300 28<sup>th</sup> Ave W

Paine Field, Everett, WA 98204

Timothy A. Ren AP3527932



March 17, 2017 N43FM Hobbs 1452.5 TT 1452.5

YEAR:

R  
T  
T

DATE

1. ELT inspected per FAR91.207, no defects noted. Main battery due 12/2019, remote battery due 2/2020.
2. Replaced battery #2 (right) with new Concorde RG24-15M, S/N 40812557.
3. Applied anti-chafe tape to flaps where loose as necessary.
4. Cleaned stall vane and switch with contact cleaner and adjusted angle slightly for smoother operation.
5. Replaced one latch P/N H5000-2 on oil dipstick access door.
6. Stop-drilled several small cracks in plastic flap hinge fairings.
7. Replaced several (4) camloc fasteners on belly panel as necessary.
8. Re-routed standby vac system hose behind left interior panel to eliminate kink. System ops test good.
9. Serviced oxygen system per AC43.13.

I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



10300 28<sup>th</sup> Ave W  
Paine Field, Everett, WA 98204

Brian S. Barth AP265145





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.)

### Pacific Coast Avionics

**CRS OPXR455L**

Registration: **N43FM**

Make: **Mooney**

Model: **M20R**

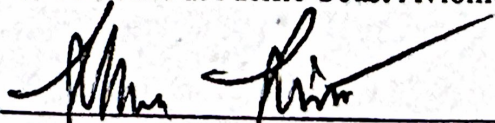
S/N: **29-0139**

Tach: **N/A**

Hobbs: **1466.8**

Removed Bendix/King KC 192 Flight Computer, s/n 1341, Pitch Servo, p/n 065-0050-04, s/n 4427 and Trim Servo, p/n 065-0052-14, s/n 4733 for repair under PCA PO 17-2306. Pulled and collared autopilot circuit breaker, bagged and stowed connectors.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Detail will be on file at Pacific Coast Avionics under Yariv Siman-Tov, work order 20325A.



**7-5-2017**

Signature: **Shawn Smith**

Date: **7/05/2017**






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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Pacific Coast Avionics

CRS OPXR455L

Registration: N43FM

Make: MOONEY

Model: M20R

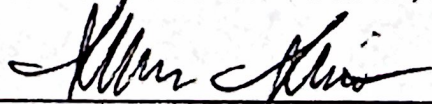
S/N: 29-0139

Aircraft Time: Hobbs: 1420.7

Tach: N/A

Installed repaired Pitch Servo, p/n 065-0050-04, s/n 4427 and repaired Trim Servo, p/n 065-0052-14, s/n 4733 in accordance with the Bendix/King KFC-150 Installation Manual for Mooney M20R. Functional test to be performed when autopilot computer is installed.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Yariv Siman-Tov, work order 20325B.



Signature: Shawn Smith

8-7-2017

Date: 8/7/2017

Page 1 of 1

Pacific Coast Avionics

CRS OPXR455L

Registration: N43FM

Make: MOONEY

Model: M20R

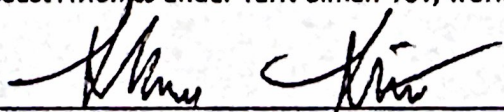
S/N: 29-0139

Aircraft Time: Hobbs: 1478.4

Tach: N/A

Installed repaired Bendix/King KC 192 Flight Computer, s/n 1341 and tested in accordance with the Bendix/King KFC 150 Installation Manual for Mooney M20R. NDN.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Yariv Siman-Tov, work order 20325C.



Signature: Shawn Smith

9-6-2017

Date: 9/6/2017

Page 1 of 1



YE

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298

N43FM

DA

Mooney

Model: M20R

Serial: 29-0139

Date

4/11/2018

Hobbs

1489.70

Total Time

1489.70

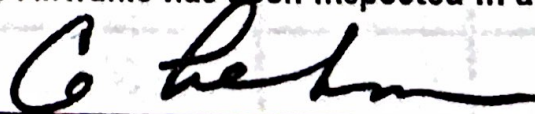
Accomplished the following work:

100 Hr inspection was completed at this time using a checklist provided by the manufacturer. Checked Flight control systems for proper operation and surface deflections. Cleaned fuel strainer. Inspected wheels, brakes and greased bearings. Checked gear preload tensions and adjusted to Mooney Specs. Adjusted nose gear door link rods to adjusted for proper closure. Complied with Mooney SB M20-282A, 1000 hr replacement of "No Back Spring" by installation of Kit M20-282-001. Complied with Mooney SB M20-289A, aileron center link clearance by installation of Mooney Kit M20-289-000. Inspected ELT system in accordance with FAR 91.207. ELT battery replacement is due Dec. 2019. Replaced fuel cap O-rings and adjusted tesnions. Removed oxygen bottle for hydrostatic inspection. Reinstalled and serviced with 1850 psi of ABO. Repaired leaking fitting on regulator head. Replaced center core wire on oxygen system control cable. Cleaned trim mechanism and chain assemblies. Replaced rivnuts on firewall for Air/Oil separator mounting bracket. Researched AD's through 4/9/2018.

Accomplished the following Airworthiness Directives.

No Airframe AD's were due for compliance at this time.

This Airframe has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy Condition.



A&amp;P 2491728 IA







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

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298

N43FM

Mooney

Model: M20R

Serial: 29-0139

Date 5/23/2019

Hobbs 1533.80

Total Time 1533.80

Accomplished the following work:

100 Hr inspection was completed at this time using a checklist provided by the manufacturer. Checked flight control systems for proper operation and surface deflections. Cleaned fuel strainer. Inspected wheels, brakes and greased bearings. Checked gear preload tensions. Removed gear actuator due to operational chatter and shimmed gear and clutch assembly. Reinstalled actuator and verified proper operation. Removed MAP gauge and sent to Airtech Instruments for repair. Cleaned and blew out MAP line from engine to gauge and reinstalled repaired unit. Removed and reinstalled exhaust system due to cracked muffler and excessive leakage and sent to Dawley Aviation for repair. Replaced bearing on A/C drive idler pulley assembly and installed new A/C drive belt. Replaced both landing light bulbs with GE4596 bulbs. Replaced failed wing tip strobe light power supply with used and Whelen anti collision light power supply. Installed new lamp in belly beacon. Inspected ELT system in accordance with FAR 91.207. Installed new ELT battery pack, next replacement is due May 2024. Replaced fuel cap O-rings and adjusted tensions. Replaced vacuum relief filter element. Installed new JPI CHT probe on #2 cylinder. Researched AD's through 5/20/2019.

Accomplished the following Airworthiness Directives.

No Airframe AD's were due for compliance at this time.

This Airframe has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy Condition.

A&P 2491728 1A

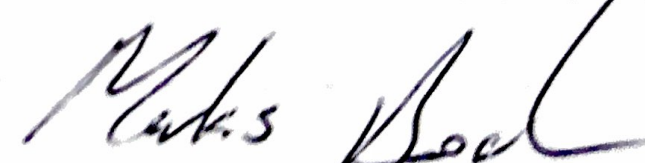
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DI

1. ELT inspected per FAR91.207d.
2. Re-racked #2 com radio, secured cooling hose.
3. Tightened hardware securing air oil separator to firewall as needed
4. Removed muffler and sent to Aerospace Welding Minneapolis, Inc. for overhaul under W/O 191687 and reinstalled using six new flange gaskets and new hardware as needed. See aircraft records for FAA Form 8130-3 dated 19 May 2020.
5. Re-glued cabin and baggage door seals as needed.
6. Replaced failed rivnut on LH side of tail at pivot inspection cover with new.
7. Drilled rivets in LH and RH wings inboard trailing edge as needed to access the two most inboard flap hangers on both wings to inspect, replace as needed AN3 bolts securing flap hanger brackets to wing structure. Reassembled by riveting and touched up paint.
8. Replaced RH fuel tank sampling quick drain with new.
9. Removed and replaced packings in Co-Pilots LH brake master cylinder.
10. Removed and replaced packings in parking brake valve with new, bled system with 5606.
11. Corrected hardware issue with RH elevators outboard hinge bolt.
12. Removed LH and RH MLG knee joint bolts and cleaned grease out as needed to correct inability to grease joints.
13. Replaced gascolator drain placard and static drain placard with fabricated placards.

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.

Markus Bosch AP31394381A



REGAL AIR  
PAINE FIELD - EVERETT, WA

10217 31st Ave W, C51

Paine Field, Everett, WA 98204



YE May 22, 2020 N43FM Hobbs: 1579.0

1. Compass swing performed.

DA



PAINE FIELD - EVERETT, WA  
10217 31st Ave W, C51  
Paine Field, Everett, WA 98204

For	N	30	60	E	120	150
Steer	1	30	60	91	120	148
For	S	210	240	W	300	330
Steer	175	205	235	270	305	335
Date	5/22/2020			Radios ON		

Markus Bosch AP3139438

ian or Repair

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				

Date: 10/07/2020

N 43FM

Hobbs: \_\_\_\_\_  
Tach: 1601.6

The transponder (Model: GTX330 ES S/N 84110323) was inspected and tested as required by 14 CFR

Part 91.413(a) and was in compliance with 14 CFR Part 43, Appendix F.

The altimeter and the altitude reporting equipment were tested and inspected as required by 14 CFR 91.411(a)(1) and found to be in compliance with 14 CFR 43, App. E(b),(c) to 20,000 feet.

The Static system was tested for leaks per 14 CFR 23.1325(b)(2)(i)) and was found within limits.

Signed Lachelle M. Rust

Details of the tests are on file at this agency under WO# 12494

IH6R613N

CROWN AVIATION AVIONICS

**Crown Aviation** ✈

*General Aviation Specialists*

Paine Field, 10300 East Perimeter Road, Everett, WA 98204



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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Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298			
N43FM			Date 1/15/2021
Mooney			Tach Time 1607.00
Model: M20R	Serial: 29-0139		Hobbs 1607.00

Accomplished the following work:

The following work was performed per the request of the owner / operator: Prebuy evaluation of the aircraft has been performed at this time. A list of discepanbies has been provided to the buyer. No other work, repairs or determination of airworthiness was performed at this time.

Accomplished the following Airworthiness Directives.

No airframe Ad's were due for compliance at this time.

 A&P 2491728


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[illegible]

**N43FM**

Hobbs: 1693.7

**Mooney, M20R, S/N: 29-0139**

SINCE NEW: 1693.7

**December 13, 2021**

1. Service O2 system to 500psi and leak checked over night, no defects noted. Serviced O2 to 1400psi.
2. Inspected pitot mast for debris, unable to verify faulty airspeed indication.
3. Removed vacuum system in-line filter and installed new p/n AA2J4-6. Installed P/N AA2J4-6 - TEMPEST PNEUMATIC FILTER INLINE.
4. Removed and replaced all valve cover gaskets with new silicone gaskets p/n 632459-S. Installed (12) P/N SA632459S - GASKET - ROCKER COVER-SIL.
5. Removed intake air filter and installed new p/n ED04028. Installed P/N ED04028 - DONALDSON FILTER ED04028 M20.
6. Cleaned faded placard from surface of wing and applied new placards. Installed P/N FP06 - AVGAS ONLY PLACARD , Installed P/N FP06 - AVGAS ONLY PLACARD.
7. Removed torn eng baffling and installed new as needed. Installed P/N BA-71646-2-3 - BA-71646-2-3 NEOPRENE BAFFLE 1/8X3X9.
8. Trouble shot, found switch good, light and bulb connections good. No continuity between dim power connection to light connection. Traced wiring throughout interior found switch to rheostat connector unplugged. Reconnected, function check good. Secured connection and reinstalled interior.
9. Removed and replaced L/L MLG tire with new p/n 606C66-8 s/n 12930289. Installed P/N 606C66-8 - GOODYEAR FLT CUST III 600-6 6 PLY , S/N: 12930289.

This inspection and routine maintenance performed IAW M20R Maintenance Manual and AC43.13.



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

H. Hamilton A&P 3482921IA H. Hamilton

C/W AD 54-26-02 INTAKE FILTER REPLACEMENT C/W  
BY REPLACING P/N ED04028 REDUCE PER DONALDSON  
INSTRUCTION DOCUMENT P469075 REV 2193.7 OR  
2024.

H. HAMILTON

H. H

AP3482921 IA



<div>YEAR:</div> <div>_____</div> <div>DATE</div>	<div>TOTAL</div> <div>TIME IN</div> <div>SERVICE</div>	<div>Reference of Major Repairs and Major Alterations To</div> <div>FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency</div>															
_____																	
_____		<div data-bbox="1370 373 1693 487" data-label="Image"> </div> <div data-bbox="833 503 1370 600" data-label="Text"> <p>P J AIRCRAFT SVC, INC. AVON PARK, FL 33825</p> </div> <div data-bbox="1424 503 1653 544" data-label="Text"> <p>MOONEY</p> </div> <div data-bbox="1706 503 2056 609" data-label="Text"> <p>1460 West Bell St 863 873 9999</p> </div> <div data-bbox="282 609 2634 1055" data-label="Text"> <p>Mooney N43FM Hobbs 1746.1 ACTT 1746.1 Esmoh 979 Psmoh 905.6 1/16/2023 Airframe Completed Annual inspection i/a/w Monney 100hr inspection guide. Washed Engine, gear, belly. Lubed gear and all flight controls. Replaced nose tire with Michelin Condor and new tube, installed McFarlane fuel cap O'rings. Washed and packed all bearings, replaced wheel seals and washers as required. Replaced nose steering hardware and adjusted play. Replaced 2 static wicks. Installed RW speed brake drain hose. Replaced 2 Landing lights. Replaced regulator Avionics filter. Replaced batteries in ELT remote switch, tested ok. Installed owner supplied FAA approved Seaton Model 9200-000-B/A per manufactured instructions, tested. Removed Pitot line at pitot tube and cleaned. Installed USB ports per manufacturer instructions and i/a/w FAA43. I certify this Airframe has been inspected i/a/w an Annual inspection and found Airworthy. AP34520071A</p> </div> <div data-bbox="2056 893 2526 1209" data-label="Text"> </div> <tr> <td data-bbox="88 1104 268 1201"></td> <td data-bbox="268 1104 537 1201"></td> <td data-bbox="537 1104 2679 1201"></td> </tr> <tr> <td data-bbox="88 1201 268 1299"></td> <td data-bbox="268 1201 537 1299"></td> <td data-bbox="537 1201 2679 1299"></td> </tr> <tr> <td data-bbox="88 1299 268 1396"></td> <td data-bbox="268 1299 537 1396"></td> <td data-bbox="537 1299 2679 1396"></td> </tr> <tr> <td data-bbox="88 1396 268 1494"></td> <td data-bbox="268 1396 537 1494"></td> <td data-bbox="537 1396 2679 1494"></td> </tr> <tr> <td data-bbox="88 1494 268 1591"></td> <td data-bbox="268 1494 537 1591"></td> <td data-bbox="537 1494 2679 1591"></td> </tr>															



YEAR:  DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	<b>Airworthiness Directives</b> Chronological Listing of Compliance and Method of Compliance
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wo: WO\_7267

Airframe - page 1 of 1



Heck Air LLC · 1389 General Aviation Dr. · Melbourne, FL 32935 · 3212559155

N43FM  
HOBBS: 1778.8

Mooney, M20R, S/N: 29-0139

July 22, 2025

Replaced ELT Battery with P/N E-04.0 EXPIRES MARCH 7 2030.

Phillip Scrivner A&P IA 2724196

A handwritten signature in black ink, appearing to read "Phillip M. Scrivner".

8/1/2025

Logbook 2 closed on this date. Logbook 3  
has been started.