

N3570 #4



*The Standard*

# AIRCRAFT LOG

ASA-SA-1



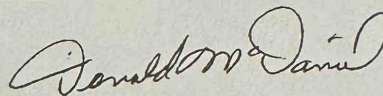
AIRCRAFT LOG ENTRY

AC N3537N

DATE 12-15-2023 TACK READING 3951.0 TOTAL TIME 3951.0

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN

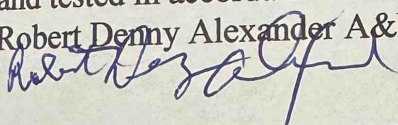
AIRWORTHY CONDITION. DONALD MCDANIEL A&P, IA 2163416



Repair

01-05-24 N3537N Installed ELT 10 battery Merl #4 in accordance with Merl instructions and tested in accordance with FAR 91.207(d). Battery next due JAN 24

Robert Denny Alexander A&P2125366





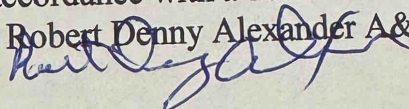

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other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

DATE

11-22-2022 N3537N Tach 3915.3 Aircraft TT 3915.3C/W FAR 91.207(d) ELT functional test  
 C/W AD 75-09-08 by visual inspection of engine mount for cracks, none detected. Due each 500 hours.  
 C/W AD 73-21-01 Landing gear lube and tension inspection. Due each 100 hours or 12 months.  
 C/W AD 76-07-12 Bendix switch by replacement of switch with new Bendix ignition switch p n 10-357210-1 20-20042 no further switch A D requirements.  
 C/W AD 2015-09-07 Lycoming injector lines by visual inspection as per AD. Lubed and inspected in accordance with Mooney 100 hour inspection guide form 0100 and Mooney Maintenance Manual. Performed retraction test. Install new Challenger Air Filter.  
 Installed 1 new bulb in rotating beacon.

I certify that this Airframe was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Robert Denny Alexander A&P2125366





YEAR:

02-14-2023 Mooney M20 N3537N *AO 2023-02-04*

pair

DATE

Inspected elevator balance weights in accordance with Mooney Service Bulletin SBM20-345A and determined that hybrid weights are not installed. No further action required. Robert Denny Alexander A&P22125366

*Robert Denny Alexander*

12-15-2023 N3537N Tach 3951.0 Aircraft TT 3951.0 Mooney M-20 sn 680089

C/W FAR 91.207(d) ELT functional test. ELT battery due Jan 24.

C/W AD 73-21-01 Landing gear lube and tension inspection. Due each 100 hours or 12 months.


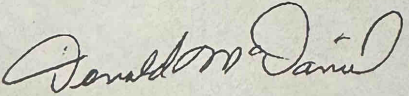
C/W AD 2015-09-07 Lycoming injector lines by visual inspection as per AD. Due any time maintenance is performed on injector lines.

Cleaned all fuel injector nozzles. Cleaned fuel screen. Installed oring in flap handle actuator. Performed retraction test. Lubed and inspected in accordance with Mooney 100 hour inspection guide form 0100 and Mooney Maintenance Manual.

I certify that this Airframe was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Robert Denny Alexander A&P22125366

*Robert Denny Alexander*



YEAR: 22 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
3/23				<b>03-23-2022 N3537N M20F TTAF: 3879.1 TACH</b> INSTALLED NEW AIR HAWK 5.00-5 NOSE TIRE WITH NEW LEAKGUARD GL-5067B 5.00-5 TUBE. AS PER 14 CFR 43 APPENDIX A, PART C. Eric Swint PPL 3725511 
				AIRCRAFT LOG ENTRY AC N3537N DATE 11-22-2022 TACH READING 3915.3 TOTAL TIME 3915.3 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. DONALD MCDANIEL A&P, IA 2163416 



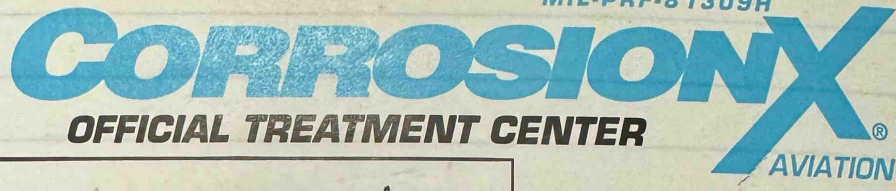




S  
TOTAL  
TIME IN  
SERVICE  
  
3870.57

**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.)

MIL-PRF-81309H



VETERAN A&P/IA

No. 31227

MAR 26, 2021  
TREATMENT DATE

N353 7N  
AIRCRAFT SN OR N NUMBER

I certify that this aircraft has been treated with CorrosionX Aviation (MIL-PRF-81309H) to stop and prevent corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Retreating is recommended when effectiveness ends – as determined by either time or visual inspection.

TECHNICIAN'S SIGNATURE

3372988  
A & P NUMBER

YEAR:  
21  
DATE:  
12/2











11-01-2019 N3537N M20F 680089 (1967) TTAF: 3833.2 TACH: 3833.2 ENGINE LYCOMING  
IO-360-A1A RL-1442-51A TT: 3833.2 TSMOH: 251.6 (O/H 4-13) PROPELLER HARTZELL  
HC-C2YK-1BF CH40591B TSN: 783.9 (NEW 10-06) SLICK MAGS: TSN: 318.1 HOURS  
SINCE LAST ANNUAL: 4.8 PERFORMED FAR PART 91 NOT FOR HIRE ANNUAL  
INSPECTION PER MOONEY SERVICE MANUAL AND FAR 43 APPENDIX D. CHECKED  
CONTROLS FOR FREEDOM OF MOVEMENT AND STOPS. INSPECTED PUSH-RODS,  
BELLCRANKS. LUBED AIRFRAME AND CONTROLS PER SERVICE MANUAL. INSPECTED  
FUEL SYSTEM AND NO WATER FOUND. JACKED AIRCRAFT OPERATED GEAR THRU 3  
CYCLES. LUBED GEAR AND SILICONE SPRAYED ALL ROD END BALL JOINTS. SERVICED  
BRAKE FLUID MIL-5606, BRAKE LININGS ARE FINE. FAR 91.207d ELT-10 CHECKED GOOD.  
NID 11-2020. REPLACED ELT-10 BP-1010 BATTERY, NEXT BATTERY DUE 9-2021. FAR  
91.411/413 IFR CHECKS NEXT DUE 1-2020. AIRWORTHINESS DIRECTIVES (AD'S)  
CHECKED THRU 2019-21. C/W AD 73-21-01 LANDING GEAR OK. NID 3933.2 C/W AD 75-09-  
08 ENGINE MOUNT OK. NID 3933.2 C/W AD 76-07-12 MAG SWITCH GROUNDS PROPERLY  
NID 3933.2 C/W AD 15-09-07 ENG INJECTOR LINES OK. NID 3933.2 AD 77-17-04 CONTROL  
WHEEL NID 4198.7 GROUND RUN-UP, LEAK CHECK, AND POWER RUN OK. POST  
INSPECTION WALK AROUND OK. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED  
IAW AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY AS OF THIS DATE.  
RAY HARKINS AP 2204237 IA.....END

*Ray Harkins*







HARTSELL AVIONICS  
1872 CR 1143  
TYLER, TX. 75704

CRS# HPTR858J

N 3537A

THE ATC TRANSPONDER WAS TESTED  
AND INSPECTED IAW FAR 43 APPD.B  
AND FOUND TO COMPLY WITH FAR  
91.413 MODEL GT4328# 93702003  
W. O. # 8513 DATE 1-24-18  
INSPECTOR [Signature]  
HARTSELL AVIONICS, INC.  
CRS H9TR858J TYLER TX

ALTIMETER 80 A625 HAS  
BEEN TESTED TO 20K KFT  
IAW FAR 43 APPD. E ON 1-24-18  
THE STATIC SYSTEM HAS BEEN  
TESTED AND COMPLYS WITH FAR  
91.411 ON 1-24-18  
HARTSELL AVIONICS, INC.  
INSPECTOR [Signature] DATE 1-24-18  
CRS H9TR858J TYLER TX



NG	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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Date: 9-27-2017 Tach: 3789.9 AFTT: 3738.0 Reg.#: N3537N

C/W annual inspection referencing FAR 43 appendix (d) and Mooney M20F inspection checklist and service/maintenance manuals. C/W FAR 91.207(d) ELT functional test, replaced batteries with new, P/N: BP-1010, due for replacement again on /2019. Installed new ELT antenna, P/N: E01-15. Lubricated airframe referencing Mooney maintenance manual lubrication schedule. Placed aircraft on jacks and performed landing gear extension checks. Lubricated flights controls, landing gear, and checked landing gear pre-loads per AD 73-21-01, due again at tach: 3889.9. C/W AD 75-09-08 by inspection of the engine mount per SB M20-192A, due again at tach: 3889.9. Cleaned and re-packed wheel bearings. Installed new Goodyear Flight Custom III 6.00-6 main gear tires. Replaced LH side brake linings with new, P/N: RA66-10500. Serviced Hydraulic reservoir. Pressure leak checked exhaust system. Replaced exhaust pipe shock support with new, P/N: 630041-007. Re-rigged alternator for clearance and adjusted belt per maintenance manual instructions. Verified AD compliance bi-weekly to 09-27-2017 per manufacturer. No new applicable AD's found at this time. A complete AD summery has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, ok. *I certify that this aircraft has been inspection in accordance with an annual inspection and was determined to be in an airworthy condition at this time.*

A&P 3168048 IA  JD Casteel



YEAR:  
*2017*

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.)

DA



Dallas Executive Aircraft Service • 5025 Voyager Dr Suite A, LB 58 • Dallas, TX 75237 • 2145581238

June 7, 2017

N3537N

Tach: 3760.0

Hobbs:

1. Inspected and found attitude indicator is not adjustable in panel.
2. Troubleshoot hi/lo vacuum indicators and found no power present. Inspected wiring harness and found both power lines from vacuum transducer to light were not connected. Re attached lines, operational checks good.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO\_2423.

Chad Shaver

A&P IA

2857120

A handwritten signature in blue ink, appearing to read "Chad Shaver", written over a horizontal line.

Airframe

wo: WO\_2423



7: RECORDING  
TACH  
TIME



Hawk Aircraft Painting  
5980 Tampa Executive Airport Road  
Tampa, Florida 33610  
(KVDF) Tampa Executive Airport  
Office: 813.623.5819  
Fax: 813.441.8949

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ber of Techn

N3537N

Color:	Code:
PLATNUM SILVER	499588
CHERRY RED	523646
AMAZON BLUE	784072

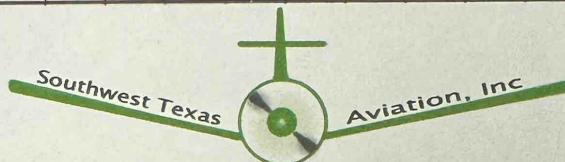
Aircraft has been stripped, etched, alodined and painted.  
Flight Controls were static balanced checked and reinstalled.

*Malin Henry II*

A.P. 3257902

02/14/2017





**Southwest Texas Aviation Inc.**

Date: 8-10-2016 Tach: 3738.0 AFTT: 3738.0 Reg.#: N3537N  
C/W annual inspection referencing FAR 43 appendix (d) and Mooney M20F inspection checklist and service/maintenance manuals. C/W FAR 91.207(d) ELT functional test, batteries due 8/2017. Lubricated airframe referencing Mooney maintenance manual lubrication schedule. Placed aircraft on jacks and performed landing gear extension checks. Lubricated flights controls, landing gear, and checked landing gear pre-loads per AD 73-21-01, due again at tach: 3838.0. C/W AD 75-09-08 by inspection of the engine mount per SB M20-192A, due again at tach: 3838.0. Cleaned and re-packed wheel bearings, replaced left OB wheel bearing with new, P/N:13889-20629. Serviced Hydraulic reservoir. Pressure leak checked exhaust system. Removed all side windows and front windshield. Installed new Solar Grey side windows; LP-574 left front pilot window with LP-139 vent window, LP-586 right front door window, LP-578 center and rear left side windows, and LP-579 center and rear right side windows. Installed STC SA3263NM "201" Style Windshield Retrofit LASKIT119 with Solar Grey windshield in accordance with Lake Aero Styling and Repair Drawing List Report No. 119, revised June 20, 1986 or later FAA approved revision. Installed STC SA4443NM Wing Root Leading Edge Fairings in accordance with Lake Aero Styling and Repair Drawing List Report No. 108, revised June 1, 1999 or later FAA approved revision. FAA Form 337's and STC paperwork included with aircraft records. Weight and balance updated. Verified AD compliance bi-weekly to 08/10/2016 per manufacturer. No new applicable AD's found at this time. A complete AD summary has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, ok. I certify that this aircraft has been inspection in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

A&P 3168048 IA

JD Casteel

Iteration  
Numb

**TACH: 38**

11/29/2016 TACHTIME N/A MOONEY M20F S# 680089 N3537N  
REMOVED AIM P# 300-3CFC S# 3057 AND REPLACED WITH  
ANS ANS30 S# 3039 AFTER INSTALLING THE ART/HORIZ  
UNIT WAS TESTED.

REINALDO MARTIN TAMPA AVIONICS INC. 3322799 A/P REP

air



**RECORDING**  
**TACH**  
**TIME**

**TODAY'S FLIGHT**

**TOTAL TIME IN SERVICE**

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3698.77		3698.77	COMPLIED WITH REQUIREMENTS OF MOONEY AIRPLANE COMPANY, INC. 100 HOUR - ANNUAL INSPECTION GUIDE FORM 0100. LUBED ALL FLIGHT CONTROLS AND LANDING GEAR. COMPLIED WITH AD 73-21-01, AD77-17-04. INSTALLED NEW MERL BP-1010 ELT BATTERY EXPIRATION AUG. 2017. CHECKED ELT IAW FAR 91.207D.
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3698.77		3698.77	Jerry Stone AEP 3350A27 AIRCRAFT INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. Jim Chalmers 2768825 IA
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YEAR:  
 2017  
 DATE











YEAR:

2014

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**

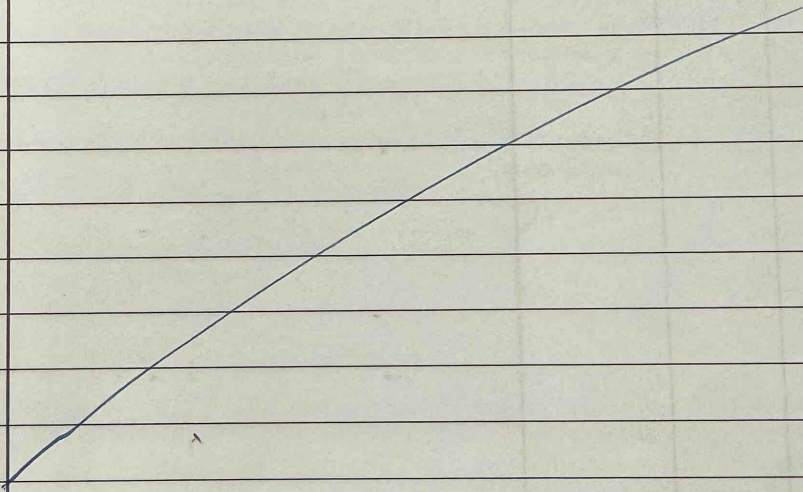
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE

3/11

36.74.95

Rebuilt Directional Gyro installed *Alan Stewart 1676658 CFI*





YEAR: 2013 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 Rep Facility. (See back pages for other specific entries.)
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*Freeway Airport, Inc.*  
3900 Church Road, Mitchellville, MD 20721  
301-262-6544 (p) 301-262-4967 (f)

- 15. Replaced MS25171-2S terminal boot at Amp meter shunt.
  - 16. Replaced ram air door seal 600118-0167.
  - 17. Removed existing transponder and replaced with an overhauled unit of same make and model, King KT- 76 S/N 33008. Unit was tested and meets requirements for FAR 43 Appendix F. Unit was overhauled by WestAir Aviation Under W/O # KT76040213 Dated 04/02/13.
  - 17. Ad's checked through 2013-07.
  - 18. This aircraft was flight tested and all ops checked ok.
- I certify that this aircraft has been inspected in accordance with annual, and is found to be in an airworthy condition. Pertinent details are on file under this work order.

Signed: Christopher A. Gibson  
Christopher A Gibson, for Freeway Airport Inc, CRS FK8R141Q

Date: 4-10-2013

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YEAR:

DATE



*Freeway Airport, Inc.*  
3900 Church Road, Mitchellville, MD 20721  
301-262-6544 (p) 301-262-4967 (f)

Date: 4/10/2013; Aircraft: N3537N; Type: Mooney M20F; S/N: 680089; Tach: 3577.46; Total Time: 3577.46; Engine - Type: IO-360-A1A, S/N: RL-1442-51A, Time: 3577.46, SMOH: 1580.10; Prop - Type: HC-C2YK-1BF/F7666A-2, S/N: CH40591B, Time: 532.36, SMOH: 532.36  
Shop Order #: W00-120269

1. Replace altimeter P/N 5934-A67 S/N A625 after repair, Static leek check good. Unit was overhauled by Aircraft Quality Instruments under W/O # 52085 Dated 10/30/2012.
2. R&R engine IO360-A1A sn:RL-1441-51A by Aero Engines RS#27WR209B.
3. Replaced pilot door and baggage door wind lace with new DT-74 COAL.
4. C/W AD 73-21-01 flight control and landing gear I/A/W A and C, due again next annual or 100hr's.
5. C/W AD 76-12-07 Bendix switch by function test, checks ok, due again at tach 3677.46.
6. C/W AD12-05-09 Empennage trim fitting and mounting hardware I/A/W SB M20-313A par 1.1-1.8, no further action required.
7. Replaced ELT battery with new BP1010, checked IAW FAR 91.207(d) new battery expires April 2015.
8. Serviced air filter element I/A/W Challenger ICA doc.4003 dated 05/05/12 Rev E
9. R&R all wheels and clean and repack all bearings with Aeroshell 5.
10. Repaired crack on front of lower cowling with 2024 T3 0.040.
11. Filled compass with AP1000 fluid.
12. Replaced vacuum regulator band filter with B3-5-1.
13. Replaced main gear shock disc's with new J-11968-14 disc's IAW Mooney service and maint. manual.
14. Replaced landing retraction handle with serviceable 560005-501 from Lake Aero Styling and Repair, reference Lake Aero work order 1007-07-2006 dated 7-15-2006. Performed retraction test and adjusted landing gear travel and preload I/A/W Mooney M20F service manual, operations check ok.