



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Mooney Aircraft Corp. Model M20K

Serial 25-1137 Registration Number N252BH

Date of Manufacture 1987

Engine(s) currently installed:

Manufacturer TCM Model TS10-360-MB(1) Serial 317141

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Model PHC-J3YF-1RF

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

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.)
5/27/14	1817.7		1817.7	<p>R&R engine for overhaul. See engine log for details.</p> <p>Remove corrosion from mount & painted with heat resistant paint.</p> <p>Engine installed using new lead shock mounts and all new engine oil & fuel hoses. Replace all air ducting. Replace induction air filter.</p> <p>Replace vacuum system filters. Replace vacuum pump with overhauled pump by Aero Accessories R/S # YV4R688M w/o 100Y-0000 P/N A43216Cw S/N 001Y05. R&R prop governor for overhaul by Quality Aircraft Accessories R/S # QVIR334Y w/o # W01170014145 P/N C290033/T46 S/N 860563. R&R propeller for overhaul. See prop log for details.</p> <p>Replace both prop deice brushes. R&R EDM 700-6C engine monitor for rebuild by JP Instruments R/S # PT127YNM w/o RMA41479 PN EGT 701-6C-0 S/N 10512.</p>

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				<p>Replace #1 alternator with new ES-4009 S/N H-0030725 by Hartzell Engine Technologies. Install new alternator belt. Replace #2 alternator with new ES-4008 S/N H-N101036 by Hartzell.</p> <p>Replaced left main tire & tube with new. Replace left main wheel inner and outer bearings & races. Replace shock discs on nose and both main gear. Replace seals in both fuel caps.</p> <p>Complied with AD 84-26-02 on paper filter by installing new. Next due Replacement 2317.7 ACTT. Complied with AD 76-07-12 R1 on ignition switch by ops check. No discrepancies noted. R&R interior for Refurbishment by Aero Comfort R/S #JFOR772N w/o #1901. Replaced right side ptt switch. Replace map light switch & receptacle on right yoke.</p> <p style="text-align: right;">David Weil AJP487645318</p>

AERO COMFORT
FAA APPROVED REPAIR STATION No. JFOR772N

RETURN TO SERVICE LABEL

LABEL IS TO BE USED AS A RETURN TO SERVICE ENTRY IN THE AIRCRAFT LOGBOOK

AERO COMFORT

Interior components:

☒ Seats
☒ Panels
☒ Carpet



Reverend using approved materials and standard practices.
For detail of work scope view Work Order #1901 located at
Aero Comfort. Components approved for return to service.
Limited to work accomplished for Aero Comfort FAA Repair
Station # JFOR772N

Aircraft Nationality and Registration Mark: N2518H

Signature: [Signature] Date: 3/11/2014

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.)
5/27/14	1817.7		1817.7	Inspect ELT As per FAR 91.207(d). No discrepancies noted. ELT battery due 6/15.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT <u>1817.7 HRS. DATE 5/27/14</u> BY <u>Dan Wier ACP4876 F510 IA</u> SPRINGFIELD FLYING SERVICE SPRINGFIELD, MISSOURI

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N 252BH	Model: M20K	SN: 25-1137	
	TAT: —	TAC: —	Date: 05-30-2015	
	Tach: —	Hobbs: 01955.4		
	<p>Removed Altimeter/Accessed Altimeter Direct Static Source. Reinstalled Altimeter/Reattached Altimeter Static Source. Reference CMA CRS work order listed below for details of static leak check. This/These article/s were found to be airworthy and returned to service with respect to work performed with CMA CRS work order <u>8208</u>.</p>			
				<p>Trace D. Gregory for Custom Mobile Avionics LLC 3124655 A&P IA</p> <p>1092</p>

YEAR: _____
RECORD TACH TIME
DATE _____

N 252BH Model: M 20K
TAT: — TAC: —
Tach: — Hobbs: 01955

I certify that Transponder/s
Model number: KT 76A
SN: 52121
Model number: —
SN: —
Encoder AT 3000
SN: 8151687

Installed in this aircraft have been tested and found to comply with the requirements of FAR 91.413 (part 43 appendix F and E (c) Altitude reporting C) tested to 25,000 feet.

Reference CMA CRS work order 8208 for details of work performed.

These articles were found to be airworthy and returned to service with respect to work performed on CMA CRS work order 8208.

Altitude Correction Card		Altimeter SN: W.O. #8208	
Aircraft: N 252BH		5A928	Date: 05/30/2015
Test Alt	Indicated Alt	Test Alt	Indicated Alt
-1000	-10	14000	-40
0	-10	16000	-80
500	-10	18000	-80
1000	-10	20000	-80
1500	-10	22000	-110
2000	-20	25000	-140
3000	-20	30000	X
4000	-30	35000	
6000	-40	40000	
8000	-40	45000	
10000	-40	50000	
12000	-40		

service with respect to work performed on CMA CRS work order 8208.

05/30/2015

2042

Custom Mobile Avionics LLC
CRS # 8CMR693B

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.)
6-1-15	1955.2		1955.2	Completed ANNUAL INSPECTION REPACK WHEEL BEARINGS, LUBE ALL FLIGHT CONTROLS & GEAR LINKAGE, CLEAN FUEL SUMP, REPLACE ALL VACUUM SYSTEM FILTERS, PERFORM GEAR SWINGS & EMERGENCY EXTENTION FOUND OK REPLACE ELT BATTERY NEXT DUE @ 6-17 OPS CHECK AS PER FAR 91.207(d) FOUND OK. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT <u>1955.2</u> HRS. DATE <u>6-1-2015</u> BY <u>Kelley Bess 2837625 P.A.</u>

SPRINGFIELD FLYING SERVICE

SPRINGFIELD, MISSOURI

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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MAKE/Model
MTV-12
REG. NO. N4051A
W/RA 21525
20450111

Don Maxwell Aviation Services, Inc.

DATE 12-15-2016
NO 1-13 2016
1028-1171

Airframe Entries

(1) Travel to Lufkin, Ohio KDFL to make aircraft ferriable and return to Longview, Texas. (2) Installed new Mt Picceller Pn MTV-12 D-121-53 Sn. 150439 Install new spinner assy Pn P-205-B. (3) Replaced the following gear retraction parts Pn. 540016-507 Pn. 560213-501 Pn. 560236-507 (2) Pn. 560244-501, Pn. (2) 560245-501, (2) 560245-501, NAS624H-12. (4) Replaced Bell fairing Pn. 310322-903. (5) Replaced nose gear doors Pn. 550099-001 & 550099-002 (6) Replaced main gear doors Pn. 550189-9507 & -9508 Pn. 550088-99505 & -99506 (7) Replaced lower fuselage blow tube Pn. 340155-219 (8) Replaced brake caliper Pn. 30-65 (9) Remove engine for drop strike inspection. Reinstalled engine after inspection using original hoses and mounts. (10) Engine sent to TCM for Prop Strike inspection. (11) Replaced damaged Plessey actuator with new style Eaton landing gear actuator. (12) Paint gear doors, step fuselage fairings and belly panel. (13) Replaced tailpipe with new Pn. 654884 (14) Replaced transponder antenna with new Dorne & Margolin Pn. NI 70-2. (15) Replaced cabin fixed step assy Pn. 840071-015 (16) Replaced both lower wing fairings right wing. Pn. 210108-014 & 210403-002 (17) Replaced hose at right wing pickup tube Pn. 610152-021 (18) Installed new rod end on mixture control cable

Don Maxwell T-4051A31

DATE 12-15-2016

SIGNED

Don P. Maxwell

Work Order 2345-03-2016

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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.)
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DATE

MAKE Mooney
MODEL M20K
SN 10518H
REG NO 10518H
WORK ORDER
2436-12-2016

Don Maxwell Aviation Services, Inc.

100 Central Road
Chickadee, PA 17512
PH 717 343 9912

2436-12-2016
10/19/2016
1573-101

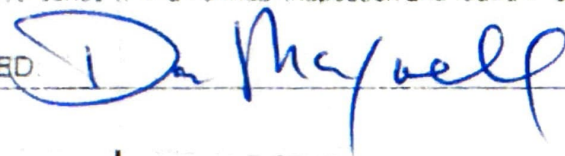
Airframe Entries

(1) Operational flight check of external lights, panel lights, avionics, Pitot Static horn, flight controls & rigging, magnetos, engine controls, instrument readings... (2) Annual inspection completed this date IAW the scope & detail of FAR43, Appendix D, Mooney Service & Maintenance Manual & appropriate factory service instructions inspect for fuel tank leak, Grease & lube landing gear check gear operation & emergency extension. Inspect landing gear & shock disc for condition & damage. Service gascolator with new gaskets & seals. Service tires, brakes & wheel bearings. Service battery & hydraulic system. Grease aircraft and service main bearings with tri-flow. Service central vacuum & garter filter. Inspect aft trim system... (5) C W AD 76-07-12 by operations check IAW par. a,b,c,d... (6) AD84-26-02 Paper Induction Air Filter next due 25210... (7) AD 35-24-03 C W by Replacement of both inner & outer O-rings on both fuel caps... (8) FAR 91.411 & 91.413 next due @5-31-2017... (9) Check ELT battery date 6030-2017 and check operation per FAR91 207D

I certify this aircraft has been inspected in accordance with an annual inspection and found in an airworthy condition. Don Maxwell A&P 17840501A

DATE: 12/19/2016

SIGNED



Work Order 2436-12-2016

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N252BH

Mooney M20K

S/N: 25-1137

DAYTONA
AIRCRAFT SERVICES 

4/21/2017

Hobbs: 2046.3

Performed the following maintenance:

1. Removed the Bendix/King KT76A (S/N: 52121) and installed a GTX345 GPS ADS-B Transponder (S/N: 3EG400852) in the same location in accordance with Garmin Installation Manual #190-00734-10 Rev 8 under STC #SA01714WI. Installed a GA35 GPS Antenna (S/N: 131563) on top of the fuselage at the baggage door area, connected to the GAE-12 Encoder Module (S/N: 3T6001977), existing audio panel and 3A circuit breaker. Performed FAR 91.413 transponder tests, referencing Part 43, Appendix F. Performed FAR 91.411 with Mode "C" Correlation and a static system leak check, referencing Part 43, Appendix E, Paragraphs (a) & (c). Filed FAA Form 337 and revised the equipment list.

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #13203.

Daytona Aircraft Services, Inc.

561 Pearl Harbor Drive

Daytona Beach, Florida 32114

Authorized Signature: _____


FAA CRS DYTR262K

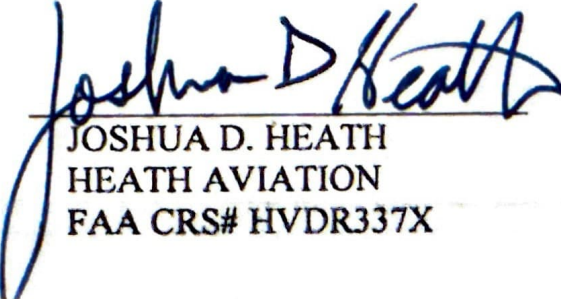
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JUNE 21, 2018 LOG BOOK ENTRY **N252BH** HOBBS: 02120.9 WORK ORDER #6488

INSTALLED NEW ANTENNA COAXS, CLEANED CORROSION FROM TWO COM ANTENNAS.

WEIGHT AND BALANCE NEGLIGIBLE


 JOSHUA D. HEATH
 HEATH AVIATION
 FAA CRS# HVDR337X

DATE: 7/31/2018 **N252BH**

T-2128.9

REPLACED 4-STATIC WICKS AT ORIGINAL LOCATION ON VARIOUS CONTROL SURFACES.
 AIRCRAFT APPROVED FOR RETURN TO SERVICE THIS DATE. 

William E. Jones AP33339971A

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N252BH

S/N 25-1137

AFTT: 2145.0

Hobbs: 2145.0

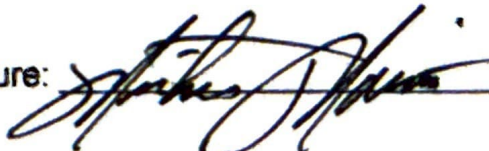
February 07, 2019

Complied with a 100 hour/Annual inspection in accordance with Mooney M20K Airplane Maintenance Manual. Complied with AD 76-07-12 R1, Ignition Switches – no defects noted. AD 85-24-03 by inspection, AD 84-26-02 by installing new P/N ED4011 filter element. Next due 2645.0 or annually. Replaced central vacuum filter with new P/N RA2J4-7 filter. I certify the ELT has been inspected IAW the requirements of FAR 91.207(d) and was found to be satisfactory condition. Replaced battery with new BS2173 battery, due January 2021. I certify this aircraft has been inspected IAW a annual inspection and has been determined to be in airworthy condition. This aircraft has been determined to be in airworthy condition with respect to work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Edward C. Vigne A&P/IA 2876861

[illegible]


YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p align="center"><u>Southern Sky Aviation, LLC</u> 4725 65th Place North, Birmingham, AL 35206 CRS No. 6KYR204D</p> <p>Reg: N252BH Make: Mooney Model: M20K SN:25-1137 Hobbs Time: 2212.0 WO No: AVP-4385</p> <ul style="list-style-type: none"> TIGHTENED LOOSE PITOT SYSTEM LINE BEHIND AIRSPEED INDICATOR, PERFORMED SYSTEM OPS CHECK IN ACCORDANCE WITH 14 CFR § 25.1323 - AIRSPEED INDICATING SYSTEM PARAGRAPH (C) AND FOUND SATISFACTORY. <p>I certify that this aircraft, airframe, aircraft engine, propeller, or appliance has been inspected and repaired in accordance with current FAA regulations and is approved for return to service.</p> <p>Authorized Signature:  _____ Date: 7/16/2020 Michael Morris</p>

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N252BH S/N: 25-1137 Tach: N/A Hobbs: ²5251.3 October 1, 2021

Complied with an annual inspection in accordance with Mooney M20K maintenance manual. CW AD 98-24-11 – inspection satisfactory. CW AD 85-24-03 by inspection – no defects noted. CW AD 84-26-02 – filter due replacement at Hobbs 2645.0. C/W AD 76-07-12R1, Ignition Switch – no defects noted, next due 5351.3. I certify the ELT has been inspected IAW the requirements of FAR 91.207(d) and was found to be in satisfactory condition. Replaced ELT battery with new P/N BS2173 – battery due September 2023. Replaced pneumatic filter with new P/N RA2J4-7. I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. This aircraft has been determined to be in an airworthy condition with respect to work performed.

B-N-B Aircraft Services, LLC
 Bessemer, AL (KEKY)

Edward C. Vigne A&P/IA 2876861


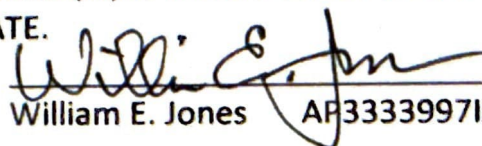
YEAR: <u>2022</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

EAGLE NEST AVIATION SERVICES LLC, BIRMINGHAM, AL

DATE: 11/02/2022 N252BH SN-25-1137 TACH- 2302.1

AFTT- 2302.1

PERFORMED ANNUAL INSPECTION W/REF MOONEY MM AND FAA REGS. LUBED CABLES AND MOVEABLE FLIGHT CONTROLS. PERFORMED GEAR RETRACT AND EXTEND. I CERTIFY THAT THE ELT HAS BEEN INSPECTED I/A/W THE REQUIREMENTS OF FAR SECTION 91.207(d) AND WAS FOUND TO BE IN SATISFACTORY CONDITION. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AS OF THIS DATE.


 William E. Jones AP33339971A

11/9				R&R KG258. Sent to Aerolab Av. Ser. For overhaul. - Brine

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EAGLE NEST AVIATION SERVICES LLC, BIRMINGHAM, AL

DATE: 3/22/2024 N252BH SN-25-1137 TACH- 2345.2 AFTT- 2345.2

PERFORMED ANNUAL INSPECTION W/REF MOONEY MM AND FAA REGS. LUBED CABLES AND MOVEABLE FLIGHT CONTROLS. PERFORMED GEAR RETRACT AND EXTEND. I CERTIFY THAT THE ELT HAS BEEN INSPECTED I/A/W THE REQUIREMENTS OF FAR SECTION 91.207(d) AND WAS FOUND TO BE IN SATISFACTORY CONDITION. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AS OF THIS DATE.


 William E. Jones AP33339971A

[illegible]