

N231L  
Morley Wick s/n. 25-8055  
AIRCRAFT LOG #2  
10/10/99 - 2/4/15



*The Standard*

# AIRCRAFT LOG

ASA-SAT

# Aircraft Record General Information

Manufacturer WLOONEY Model W20K

Serial 25-0055 Registration Number N231L

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

Engine(s) currently installed:

Manufacturer TCM Model TS10-360-GB Serial 237415R

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

Propeller(s) currently installed:

Manufacturer McCaughey Model 2A34C216

HUB Model \_\_\_\_\_ Serial 802740 Serial \_\_\_\_\_

Blade Model 90DH B-16E Serial B97680 Serial B100295 Serial \_\_\_\_\_

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

HOBBS #1 98.6 HOURS + HOBBS #2 1602.1 HRS = 1700.7 HRS PLUS 450.5 HOBBS = 2151.2 HOURS AIRFRAME TOTAL TIME

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				
OCTOBER 10 <sup>th</sup> 1999			* HOBBS: 450.5 hrs total time in service: 2,045.10 hrs *	Reviewed Reg'd inspection points, lubed landing gear, checked emergency extension system, serviced battery and brake system, checked lights and electrical systems for proper operation. lubed all control systems checked ECT operation (per all 100 hr and annual inspection items per Army Service Manual
C/N AD 76-07-12				WIRENET SWIRL BY FUNCTION TEST DUE EVERY 1000 HRS AGAIN @ 550.5 hrs
NOTE: AD 98-24-11				AIRLIFT CONTROL LINKS DUE @ 470.5 hrs.
NOTE: AD 96-12-04				WIRENET IMPULSE COUPLERS DUE EVERY 500 HRS AGAIN @ 809.5 hrs.
NOTE: AD 84-26-02				AIRFRAME REPLACEMENT DUE EVERY 500 HRS AGAIN @ 658.2 hrs
				CONTINUED NEXT PAGE →

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				
(From Previous Page)				OCTOBER 10 <sup>th</sup> 1999 HOBBS: 450.5 hrs total time in service: 2,045.10 hrs
				ECT BATTERY DUE: 12-99 (OPR CHECK per FMR 91.207)
				PITOT-STATIC - X-PONDS TEST DUE: 11-2000
				I Certify that I have inspected this Airplane in accordance with a 100 hr inspection and determined it to be in an Airworthy Condition this date.
				T.D. Miller A/P 2329157
				OCTOBER 10 <sup>th</sup> 1999 HOBBS: 450.5 hrs total time in service: 2,045.10 hrs
				CHECKED applicable AD Notes thru 99-20.
				I Certify that I have inspected this Airplane in accordance with an Annual Inspection and determined it to be in an Airworthy Condition this date.
				T.D. Miller A/P 2329157 IA.
				NOTE: AD LIST IN BACK OF LOG →
				END



**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.)

ALIES.  
Delella  
 A/P 2329/57IA.

15. Total time in Service: 2050.3 hr

P. D. Ali Qasbi A/P2329157

END

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				
August 2 <sup>nd</sup> 2000			HOBBS: 495.5hr	total time in Service: 2090.10hr Installed Precise standby/Vacuum system per STC #SA2168NM and STC #SE1780NM See FAA 337 form in Aircraft Records. T. Miller AIP2329157IA
August 14 <sup>th</sup> 2000			HOBBS: 496.9hr	total time in Service: 2091.5hr Installed New TIT GND PRVSE. SYSTEM CHECK SATISFACTORY. All work done in accordance with Airway Service Manual. ALSO INSTALLED New Engine Buffer Seal T. Miller AIP2329157

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				
October 25 <sup>th</sup> 2000			HOBBS: 507.3hr	total time in Service: 2101.90hr Revised Regd inspection panels, lubed all control systems. Lubed Landing Gear and checked Emergency Extension System and all electrical systems for proper operation, cleaned all fuel system screens, serviced battery and fuel system (checked ECU for proper operation in accordance with FM 91.207. c/w all 100hr and Annual Inspection items per Airway Service Manual. c/w AD 76-07-12 WIRELESS SWITCH BY FUNCTION TEST DUE EVERY 100hr AGAIN BY 607.3hr. c/w AD 99-24-10 PRECISE VACUUM SYSTEM BY FUNCTION TEST DUE EVERY 12mos AGAIN BY 10-2001 NOTE: AD 98-24-11 AIRCRAFT LUBES PLEW 12-99 ENE-TIME NOTE: AD 94-26-02 AMPUTER REPLACEMENT DUE EVERY 500hr AGAIN BY 658.2hr. CONTINUED NEXT PAGE →



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.)
(From Previous Page)				OCTOBER 25 <sup>th</sup> 2000 HOBBS: 507.30hr total time in Service: 2101.90hr ECT BATTNG Due: 11-2002 (ops. check Per FM 91.207) P107-SITIC XPRNDEL TEST Due: 11-2002 I certify that I have inspected this Airplane in accordance with A 100hr inspection and determined it to be in an Airworthy Condition this date <u>T.D. Miller AIP 2329157</u>
OCTOBER 25 <sup>th</sup> 2000				HOBBS: 507.30hr total time in Service: 2101.90hr CHECKED APPLICABLE AD NOTES THRU 00-21. I certify that I have inspected this Airplane in accordance with an Annual Inspection and determined it to be in an Airworthy Condition this date. <u>T.D. Miller AIP 2329157 IA.</u> NOTE: AD LIST IN BACK OF LOG →

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.)
NOVEMBER 29 <sup>th</sup> 2000				HOBBS: 521.80hr total time in Service: 2116.40hr. REMOVED ENGINE DRIVE SHAFT ASSEMBLY INSTALLED NEW THROTTLE CABLE RETURN ASSY. P/N: 660226-007. FUNCTION TEST SATISFACTORY. ALL WORK DONE IN ACCORDANCE WITH U.S. Army Service Manual. <u>T.D. Miller AIP 2329157</u>
FEBRUARY 17 <sup>th</sup> 2001				HOBBS: 530.1hr total time in Service: 2124.70hr. TIT/CDT GAGE Removed for overhaul/repair by GLOBAL TECH INSTRUMENTS of Huntington Beach, CA. FTH 25 <sup>th</sup> G 302208N REINSTALLED UNIT. CHECKED SYSTEM PROBE found OK. REINSTALLED TIT PROBE. <u>T.D. Miller</u> <u>AIP 2329157</u>

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.)
May 18 <sup>th</sup> 2001				HOBBS: 560.1 hr. total time in Service: 2154.70 hr. Replaced CTS PROBE P/N: 380010-503 (MONEY P/N) AND Repair SYSTEM wiring as Req'd. WASHED Engine and cowling installed NEW TIT PROBE (New from factory - warranty on old probe) test Run SYSTEMS ops check satisfactory. All work done in accordance with MONEY Service Manual. T.D. Miller A: P2329157
August 15 <sup>th</sup> 2001				HOBBS: 588.80 hr. total time in Service: 2183.40 hr. Repaired left fuel tank lower panel, CHANGED BOTH flex BRAKE lines P/N: 350-4-0350, Bled BOTH sides and SERVICED BRAKE RESERVOIR all brake lines done by Air Pro of Long Beach, ca. All work done in accordance with MONEY Service Manual. Also Cycled Landing Gear to check operation with new brake lines. T.D. Miller A: P2329157

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.)
OCTOBER 15 <sup>th</sup> 2001				HOBBS: 602.40 hr. total time in Service: 2197.0 hr. Removed panels and LUBED all control systems, cycled Landing Gear and Emergency Extension System LUBED System. cleaned fuel System screens, SERVICED BATTERY and BRAKE system. CHECKED all ELECTRICAL systems for proper operation. CHANGED Vacuum Regulator (after filter) Replaced instrument panel visa flood lights as Req'd. CHANGED ECT BATTERY and CHECKED unit operation per CFR 91.207(d). All work done in accordance with MONEY Service Manual.
c/w AD 76-07-12 Bendix Ignition Switch DUE Every 100 hr. Again @ 702.40 hr				
c/w AD 99-24-10 PRERISE Vacuum System By function test DUE Every 12 mo. Again @ 10-2002				
Note: AD 84-26-02 Air/Fuel Replacement DUE Every 500 hr. Again @ 658.20 hr				
Continued NEXT PAGE →				
END				



YEAR: 2001 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.)
(From Previous Page)				OCTOBER 15 <sup>th</sup> 2001 HRS: 602.40hr total time in Service: 2197.0hr
NOTE: AD 00-05-24				KAP140 KC225 Autopilot N/A, TYPE EQUIPMENT NOT INSTALLED.
NOTE: AD 00-07-27				AIR DATA Reference Unit N/A TYPE EQUIPMENT NOT INSTALLED
NOTE: AD 01-10-09				KC225 Autopilot N/A, TYPE EQUIPMENT NOT INSTALLED.
				ECT BATTERY DUE: 01-2004 ops check per CFR 91.207(2)
				Pitot-Static Xpander test Due: 11-2002
				I certify that I have inspected this Airplane in accordance with A 100 hr inspection and determined it to be in an Airworthy Condition this DATE. T.D. Ullrich A/P2329157

YEAR: 2001 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.)
OCTOBER 15 <sup>th</sup> 2001				HRS: 602.40hr. total time in Service: 2197.0hr CHECKED APPLICABLE AD NOTES thru 01-21 I certify that I have inspected this Airplane in accordance with an Annual Inspection and determined it to be in an Airworthy Condition this DATE. T.D. Ullrich A/P2329157 IA
				The Altimeter Static Pressure system and transponder was inspected to <u>25,000</u> feet and was found to comply with FAR 43 Appendix E and F
				Date <u>12-4-02</u>
				Signed <u>Michael Bennett</u>
				AIRADIO CO.
				FAA Repair Station A8UR727J



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>DATE <u>12/20/02</u> TACH <u>666.2</u>  <u>2260.8</u>            I, TSMOH, CERTIFY THAT AIRCRAFT/ <u>ENGINE</u> HAS BEEN            INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> AND            WAS DETERMINED TO BE IN AIRWORTHY CONDITION.            PERTINENT DETAILS OF THIS INSPECTION AND/OR            REPAIRS IS ON FILE AT THIS AGENCY UNDER            W.O. <u>19511</u> SIGNED <u>DRYST</u>            GENERAL AVIATION CO.            3913 WEST COMMONWEALTH            FULLERTON, CA 926            (714) 526-6611            FAA APPROVED, REPAIR STATION, REG. NO. 0740         </p>

Complied with Annual inspection per Mooney annual inspection checklist.  
 Compression check: 1) 74, 2) 74, 3) 72, 4) 73, 5) 78, 6) 74 / 80.  
 Oil changed with Aeroshell W100 oil and CH48108 filter.  
 Complied with ELT annual inspection per FAR 91.207. No defects noted.  
 Repaired broken induction inlet mounting plate on "S" duct.  
 Removed engine mount truss from aircraft & sent to Kosola and Assoc (FAA RS# HE4R229M).

Truss completely overhauled, painted, returned and reinstalled with new hardware.  
 Removed battery box, cleaned corrosion & treated. Painted with acid-proof paint & reinstalled.  
 Replaced central gyro filter (p/n D9-18-1) with new. Next due in 500 hours.  
 Replaced vacuum relief valve filter (p/n B3-5-1) with new. Next due in 100 hours.  
 Complied with AD# 84-26-02 by replacement of induction air filter. Next due in 500 hours.  
 Fabricated and installed three missing tire pressure placards per AFM/POH.  
 Installed new placards tow limit placards (p/n's 150080-690 and -6005).  
 Replaced both fuel cap o-rings (p/n MS29513-338) with new.  
 Replaced both left and right wheel bearings and races (p/n 13889 and 13836) with new.  
 Replaced both nose wheel bearings and races (p/n 08231 and 08125) with new.  
 Replaced left side brake linings (p/n 066-10500) and one lining pressure plate (p/n 063-01200).  
 Replaced nose wheel inner tube due to leaking valve core seat.  
 Replaced prop control cable with new cable assembly (p/n MW012-03) from Mod Works  
 (STC# SA00942AT). FAA form 337 completed and equipment list updated.

END





19711 CAMPUS DR. • SANTA ANA, CA 92707

JOHN WAYNE AIRPORT (SNA)

TEL (949)757-0290 • FAX (949)757-0293

FAA APPROVED REPAIR STATION #YH3R997L

**Western Avionics**  
INCORPORATED

N# 231L

MODEL Mooke 7231

TACH/HOBBS 742.7

W.O.# 210974

Repair

- OHC/EXCH COMPASS C-2400R SN 184304 (PSI)
- INSTALLED COMPENSATION CALD

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/REPLACEMENT ARE ON FILE AT THIS AGENCY.

DATE: 6/14/04

SIGNED: [Signature]

YEAR:

N#: N231L

Model#: M20K

WO#: 19937

DATE

General Aviation Company Inc.

3915 W. Commonwealth Ave

Fullerton, CA 92833

FAA RS# AGER074C

Date: 11/05/04

Tach: 769.9

[Signature]

AGER074C

Fuel servo repaired by Airmotive Carb.(FAA RS# FK3R504L) Idle RPM and m set per maintenance manual.

Landing gear motor/ transmission assembly sent to Lake Aero (FAA RS# NT3R) for complete overhaul. Unit reinstalled, adjusted and gear swing performed


Turbocharger overhauled by Main Turbo (FAA RS# MAMR190K).

Replaced two cowl flap hinges (650193-005 & 65098-001) on the lower cowl.

Repaired engine alternator air door hinges.

Replaced left cowl flap quick-release rod end (A29104).

END

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.)
				 <b>GERDES AVIATION SERVICES</b> FAA Approved Repair Station G3RR399J The Altimeter/Static and Transponder Systems have been inspected to <u>20,000</u> feet, and were found to comply with F.A.R. 43, Appendix E & F. N Number <u>231L</u> Date <u>2-1-05</u> Signature <u>[Signature]</u> FAA APPROVED REPAIR STATION G3RR399J 4012 W. Commonwealth Ave. Fullerton CA 92833 Office (714) 525-7545
2/15/05	Tach 776.0			Annual Inspection. Repaired stroke lights wiring.
	Act 1 2370.6			Replaced O-Rings in both master cylinders. Replaced
	ENG smolt 848.6			Trim Link P/N 740170-003 and bolts ANSH-32, AN
	Prop smolt 592.8			ANSH-15, Nuts AN310-5. Replaced 4 Landing gear shock Discs on Left side P/N 530021-000. Replaced

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.)
				Brake Lines. Poly flow tubing P/N 44PN and
				B400-7-2. Replaced Brake Lines P/N 156003-3
				and 156003-35-0221. Replaced Ignition Switch
				P/N 10-357210-1. Airframe NOT in airworthy
				condition until SB M20-208B Repairs are
				Performed. <u>[Signature]</u> 2713446 IA
				END



N231L  
S/N: 25-0055  
MODEL: M20K  
HOBBS TIME: 777.2



DATE: 04-05-05  
W.O. #: 14391  
TOTAL TIME:

### AIRFRAME LOG

2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275

FAA APPROVED REPAIR STATION # JYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

DATE: 04-05-05 SIGNED: 

Tubing Cut from Aircraft Frame. New Tubing Welded on. New Over side Tubing was Welded to Existing Tubing. all Worked  
Performed by: Pier Co. 4313A of FAA.

RDING	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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MODEL Mooney M20K **AIRFRAME LOGBOOK INSERT** DATE 06-23-05  
 N 25-0055 **Art Scholl Aviation, Inc.** W.O. # Inv.62735  
 REG. NO. N231L TACH \_\_\_\_\_

DATE 06-23-05 SIGNED [Signature] CERT. NO. A&P1761000

Check balance of rudder, L&R ailerons and L&R elevators per Mooney Service Manual specs. No weight added.

- - - End - - -

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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N231L  
S/N: 25-0055  
MODEL: M20K  
TACH TIME: 1788.4



AIRFRAME LOG

2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275

FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

DATE: \_\_\_\_\_ SIGNED: [Signature]

Installed All New Windows and Windshield with new. P/N 240-561 GT Windshield, 240-577 GT L/H Front Pilot Window, 240-563 GT Vent Window, 240-564 GT R/H Front Door Window, 240-565 GT L/H Rear Window, 240-566 GT R/H Rear Window.





YEAR DATE	TIME	FLIGHT	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.)
October 6 <sup>th</sup> 2005				HOBBS: 789.10hr total time in Service: 2383.70hr Repaired Broken Ground Circuit for turn Coordinator, Replaced R/H stroke Camp Assy. Murrey p/n: 204880, Replaced top Engine Cowling oil access door with New Landing Assy. Murrey p/n: KML680, Replaced Engine Cowling f-Bus Assy. As Read Replaced Broken Ground power access door spring with New Assy. Murrey p/n: 916008-009, CHANGED OUT Vacuum Regulator (center) flew p/n: B3-S-1, CHANGED OUT ALL SEAT tubing for windshield defroster and cabin heat systems. Installed New Airframe External placards. CHANGED OUT cabin flex fuel line compliance with new MIL-H-6000-6 hose. installed New Electrical Nipple on fuel quantity transmitter (MS25171-1 Assy.). CHANGED OUT Landing light lens Murrey p/n: 650213-001 with New Assy. Continued Next page →

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.)
2005				
October 6 <sup>th</sup> 2005				HOBBS: 789.10hr total time in Service: 2383.70hr all work done in accordance with Murrey Service Manual. J.D. McLean A/P 2329157
March 15 <sup>th</sup> 2006				HOBBS: 795.50hr total time in Service: 2390.10hr Reinstalled Co-Pilot Seat Belt, installed Seat track stops, New pitch trim cabin ground p/n: 740227-001, Repositioned cabin door handle, Swing compressor and adjusted as required. Installed New Compressor Correction Cmd p/n: 150030-051 New Compressor Cmd Holdsw p/n: 820233-000 installed the following placards: Decal 1st Row 10 LBS. p/n: 150030-6021, Decal Baggage Compartment p/n: 150030-6020, Decal Auxiliary Exit p/n: 150030-4041 Continued Next page →



nician or Repair

DATE

(From Previous Page) March 15<sup>th</sup> 2006 HOURS: 795.50 hr total time in service. 2390.10 hr  
 installed decal ops limit, perm limit, smoke lite operations p/n: 150090-487,  
 door p/n: 150080-4005, p/n: 150080-230,  
 p/n: 150080-203, decal fuel selector 36.060 p/n: 150080-095.  
 Replaced panel visor as req'd. All work done in accordance with  
 Moray Service Manual. Also repaired static system drain line (Repaired  
 paint as req'd) T.D. Miller A/P 2329157

YEAR

DATE

April 4<sup>th</sup> 2006 HOURS: 800.50 hr total time in service. 2395.10 hr  
 Instrument panel visor lamp incp - trouble shoot problem to  
 system. Replaced control. Replaced Redstart Control W/assy p/n:  
 JS1N056P251MA with factory supplied unit. ops check system - satisfactory.  
 All work done in accordance with Moray Service Manual.  
 T.D. Miller A/P 2329157

April 25<sup>th</sup> 2006 HOURS: 800.50 hr total time in service. 2395.10 L.  
 installed new crew assy (12/14) p/n: 130308-021. All work done  
 in accordance with Moray Service Manual.  
 T.D. Miller A/P 2329157





## Aircraftsman

7000 Merrill Ave  
Hangar A480/Box 100  
Chino, CA 91710

Chino Airport  
(909) 393-0884  
(909) 393-0494 FAX

N-Number: N231L  
Model Number: Mooney M20K  
Serial Number: 25-0055

Date: 01/24/08  
Hobbs: 843.4  
TT: 2438.0


- Engine serviced with Aeroshell 100 oil.
- Resealed leaking rivets on right wing fuel cell under wing walk.
- Installed new wing walk coating..
- Jacked aircraft, inspected complete gear and retraction/extension system.
- Performed emergency extension and retraction checks in accordance with Mooney Service Manual.
- Adjusted tailpipe clamps.
- Replaced turbo band clamp.
- R&R fuel flow /MP instrument for fuel flow repair by Otto's Instruments.
- Repaired left fuel quantity instrument.
- Replaced 3 instrument panel light elements.
- Install new tires and tube on left and right main gear.
- Service all wheel bearings.
- Lube all hinges and zerks.
- Inspected ELT In Accordance With requirements outlined in FAR 91.207 (a)(1)(d).
- Installed new ELT battery
- CW FAR 43, Appendix E & F. Due again 01/10.
- CW AD 85-24-03, Fuel Tank Sealant, c/w IAW Mooney SB M20-229A, dated 2/12/86. Due again @ hobbs 943.4.
- All AD's checked thru 2008-02 and found C/W.

ELT battery due 01/10.

Pitot / Static due 01/10

I certify I have inspected this aircraft In Accordance With an Annual Inspection and Find It To Be Airworthy.

Mark Wilson A&P178364413IA



## Airframe

## Aircraftsman

7000 Merrill Ave  
Hangar A480/Box 100  
Chino, CA 91710

Chino Airport  
(909) 393-0884  
(909) 393-0494 FAX

N-Number: N231L  
Model Number: Mooney M20K  
Serial Number: 25-0055

Date: 03/27/09  
Hobbs: 862.8  
TT: 2457.4

- Engine serviced with Aeroshell 100 oil.
- Jacked aircraft, inspected complete gear and retraction/extension system.
- Performed emergency extension and retraction checks in accordance with Mooney Service Manual.
- Service all wheel bearings.
- Lube all hinges and zerks.
- Inspected ELT In Accordance With requirements outlined in FAR 91.207 (a)(1)(d).
- CW AD 85-24-03, Fuel Tank Sealant, c/w IAW Mooney SB M20-229A, dated 2/12/86. Due again @ hobbs 962.8.
- All AD's checked thru 2009-06 and found C/W.

ELT battery due 01/10.

Pitot / Static due 01/10

I certify I have inspected this aircraft In Accordance With an Annual Inspection and Find It To Be Airworthy.

Mark Wilson A&P178364413IA



## Aircraftsman

7000 Merrill Ave  
Hangar A480/Box 100  
Chino, CA 91710

Chino Airport  
(909) 393-0884  
(909) 393-0494 FAX

N-Number: N231L  
Model Number: Mooney M20K  
Serial Number: 25-0055

Date: 05/28/10  
Hobbs: 893.1  
TT: 2487.7

- Engine serviced with Aeroshell 100 oil.
- Jacked aircraft, inspected complete gear and retraction/extension system.
- Performed emergency extension and retraction checks in accordance with Mooney Service Manual.
- Adjusted tailpipe clamps.
- Service all wheel bearings.
- Lube all hinges and zerks.
- Replaced landing light element.
- Inspected ELT In Accordance With requirements outlined in FAR 91.207 (a)(1)(d).
- Installed new ELT battery. Next due 06/12.
- CW FAR 43, Appendix E & F. Due again 06/12.
- CW AD 85-24-03, Fuel Tank Sealant, c/w IAW Mooney SB M20-229A, dated 2/12/86. Due again @ hobbs 993.1
- All AD's checked thru 2010-11 and found C/W.

ELT battery due 05/12.

Pitot / Static due 05/12.

I certify I have inspected this aircraft In Accordance With an Annual Inspection and Find It To Be Airworthy.

Mark Wilson A&P1783644131A

*Mark Wilson*

## Airframe

## Aircraftsman

7000 Merrill Ave  
Hangar A480/Box 100  
Chino, CA 91710

Chino Airport  
(909) 393-0884  
(909) 393-0494 FAX

N-Number: N231L  
Model Number: Mooney M20K  
Serial Number: 25-0055

Date: 09/19/11  
Hobbs: 902.7  
TT: 2497.3

- Engine serviced with Aeroshell 100 oil.
- Jacked aircraft, inspected complete gear and retraction/extension system.
- Performed emergency extension and retraction checks in accordance with Mooney Service Manual.
- Service all wheel bearings.
- Lube all hinges and zerks.
- Replaced fuel hose from fuel pump to servo.
- Replaced right main fuel drain valve.
- Inspected ELT In Accordance With requirements outlined in FAR 91.207 (a)(1)(d).
- CW AD 85-24-03, Fuel Tank Sealant, c/w IAW Mooney SB M20-229A, dated 2/12/86. Due again @ hobbs 943.4.
- All AD's checked thru 2011-19 and found C/W.

Pitot / Static due 01/10..

I certify I have inspected repairs performed to this aircraft and Approve it For Return To Service.

Mark Wilson A&P1783644131A

*Mark Wilson*



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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## Aircraftsman

## Airframe

7000 Merrill Ave      Chino Airport      N-Number:      N231L      Date:      11/13/2012  
 Hangar A480/Box 100      (909) 393-0884      Model Number:      Mooney M20K  
 Chino, CA 91710      (909) 393-0494 FAX      Serial Number:      25-0055

During current review of the log books, it was discovered that I neglected to declare that the inspection conducted on 09/19/11 was in fact an Annual Inspection and the aircraft was found to be airworthy.

Additionally, the due date of the pitot / static and transponder certification was erroneously listed as 01/10 and was actually due 05/12.

I Certify that the above statement is true and correct.

Mark Wilson A&P178364413IA



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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## Aircraftsman

## Airframe

7000 Merrill Ave      Chino Airport      N-Number:      N231L      Date:      11/14/2012  
 Hangar A480/Box 100      (909) 393-0884      Model Number:      Mooney M20K  
 Chino, CA 91710      (909) 393-0494 FAX      Serial Number:      25-0055

I certify that I have inspected this aircraft, the landing gear has been disabled in the "gear down" position with the circuit breaker arrested, all applicable ADs are complied with and the aircraft is safe for intended ferry flight.

Mark Wilson A&P178364413



# Aircraftman

7000 Merrill Ave  
Hangar A480/Box 100  
Chino, CA 91710

Chino Airport  
(909) 393-0884  
(909) 393-0494 FAX

N-Number: N231L  
Model Number: Mooney M20K  
Serial Number: 25-0055

Date: 01/10/13  
Hobbs: 910.6  
TT: 2505.2

- Engine serviced with Aeroshell 15w-50 oil.
- Jacked aircraft, inspected complete gear and retraction/extension system.
- Performed emergency extension and retraction checks in accordance with Mooney Service Manual.
- Service all wheel bearings.
- Lube all hinges and zerks.
- Inspected ELT In Accordance With requirements outlined in FAR 91.207 (a)(1)(d).
- Installed new ELT 9 battery. Next due March, 2015.
- Installed new vacuum and gyro filters.
- Replaced over 30 stainless screws.
- AD 85-24-03, Fuel Tank Sealant, c/w IAW Mooney SB M20-229A, dated 2/12/86. Due again @ hobbs 943.4.
- CW AD 2012-05-09, Empennage Trim Fitting and Mounting Hardware, in accordance with AD text and SB M20-313A, dated Feb. 29/ 2012 and SB M20-314A, dated Feb. 29/ 2012.

All Applicable AD's Researched and Found To Have Been Complied With through 2013-01.

Altimeter, static system, pressure altitude reporting system and transponder inspection completed by Affordable Avionics Inc, FAA Repair Station number 8AAR59. Due again January 2013. 2015. VP

ELT battery due March, 2015.

I Certify I have inspected this aircraft In Accordance With an Annual Inspection as outlined in the Mooney Service Manual and Approve It For Return To Service.

Mark Wilson A&P1783644131A

*Mark Wilson*

# Airframe

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				

## WESTERN AVIONICS, INC.

19300 IKE JONES RD., SANTA ANA, CA 92707 CRS YH3R997L

N231L MOONEY M20K S/N: 25-0055 WO# 231536 HOBBS: 910.6

- PERFORMED 24 MONTH CERTIFICATION OF ALTIMETER, BLIND ENCODER AND STATIC SYSTEM AS REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43, APPENDIX E TO 25,000 FT.

- PERFORMED 24 MONTH A.T.C. TRANSPONDER TEST AS REQUIRED BY F.A.R. 91.413 AND ACCOMPLISHED I.A.W. PART 43, APPENDIX F.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed *[Signature]* Stan Erickson

28 FEB 2013  
Date





YEAR:

**Henry Weber Aircraft Distributors, Inc.**

Maintenance Release

DATE

**N231L**

S/N: 25-0055



Hobbs: 910.6

Airframe Logbook

Replaced fuel cap O-rings IAW SB M20-229A, next due 06/2014. Repaired Hobbs meter wiring. Repaired primer switch wiring. —END—

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order No: 15708

Certified Repair Station No: DY1R103K

Inspector:

Troy Santangelo

Date: June 17, 2013

500-B Airport Road, Lancaster Airport, Lititz, PA 17543

chnician or Repair

YEAR:

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

DATE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 3262 03-July-2013 WO# 18192  
N231L S/N 25-0055 MOONEY M20K

Pg 1 / 2

\*\*\*\* ITEM # 18192-1 INSTALL NEW AUDIO PANEL \*\*\*\*

DISCREPANCY: INSTALL NEW AUDIO PANEL.

ACTION: REMOVED KING KMA20 AUDIO PANEL AND INSTALLED NEW PS ENGINEERING PMA8000B AUDIO PANEL IAW AC43.13-1B/-2B CHAPTER 2 AND PMA8000BT INSTALLATION MANUAL UTILIZING MANUFACTURER'S HARDWARE. SYSTEM WAS FUNCTIONALLY TESTED AND WAS FOUND TO PERFORM ITS INTENDED FUNCTION WITH NO ADVERSE EFFECTS ON OTHER AIRCRAFT SYSTEMS. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. EQUIPMENT LIST REVISED.

\*\*\*\* ITEM # 18192-2 INSTALL AUX POWER JACK \*\*\*\*

DISCREPANCY: INSTALL AUX POWER JACK.

ACTION: REMOVED ORIGINAL CIGARETTE LIGHTER AND INSTALLED AN AUX POWER JACK. OPS CHECKED GOOD.

\*\*\*\* ITEM # 18192-3 INSTALL BELLY COM ANTENNA \*\*\*\*

DISCREPANCY: INSTALL BELLY COM ANTENNA.

ACTION: INSTALLED COMANT CI122 COM AND CI105 DME ANTENNAS IAW AC43.13-1B/-2B CHAPTERS 2 & 3 AND APPROPRIATE MANUFACTURER'S INSTALLATION MANUALS. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. OPS CHECKED GOOD.

\*\*\*\* ITEM # 18192-4 RIGHT STROBE LIGHT INOP \*\*\*\*

DISCREPANCY: RIGHT STROBE LIGHT INOP.

ACTION: CLEANED CONTACTS ON STROBE LIGHT AND CLEANED GROUND CONNECTIONS. OPS CHECKED GOOD.

\*\*\*\* ITEM # 18192-5 ENCODER TYE-WRAPPED BEHIND PANEL \*\*\*\*

DISCREPANCY: ENCODER TYE-WRAPPED BEHIND PANEL.

ACTION: MOUNTED ENCODER TO PREVENT INTERFERENCE WITH YOKE.

Pg 2 / 2

CRS# LN7R261N    Todd M. Adams

pair

[illegible]

Jeffrey C. Mark  
500 B Airport Road,

**Date:** September 19, 2013

500 B Airport Road, Lancaster Airport, Lititz, PA 17543

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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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 3426 14-February-2014 WO# 18718/1 AC TT 954.5 HOBBS 954.5  
N231L S/N 25-0055 MOONEY M20K

Pg 1 / 1

\*\*\*\* ITEM # 18718-1 TRANSPONDER LOOSES POWER IN AIRCRAFT \*\*\*\*  
DISCREPANCY: TRANSPONDER LOOSES POWER IN AIRCRAFT.  
Model: KT76A

ACTION: OPS CHECKED IN AIRCRAFT AND CONFIRMED FAULT. REMOVED TRANSPONDER AND FOUND MOUNTING TRAY NOT PROPERLY SUPPORTED AND THE REAR CONNECTOR PINS FLATTENED OUT. REPAIRED MOUNTING TRAY WITH PROPER SUPPORT AND RETENSIONED REAR CONNECTOR PINS. REINSTALLED TRANSPONDER, FINAL CHECKS GOOD. WORK PERFORMED I.A.W. BENDIX/KING KT76A/78A INSTALLATION MANUAL NO. 006-00143-0006, REV. 6.

  
CRS# LN7R261N SCOTT KUHNS

YEAR  
DATE

**Henry Weber Aircraft Distributors, Inc.**  
Maintenance Release



IS  
Technician or Repair

**N231L**

S/N: 25-0055

Hobbs: 953.7 TT: 2654.4


Airframe Logbook

Completed Annual Inspection this date. C/W AD 85-24-03(B) Fuel Caps Inspection IAW SB M20-229A, next due 3/2015. C/W FAR 91.207(d) inspection of ELT S/N: 7446 okay, battery next due 3/2015. Made repairs to both fuel tanks with fresh PRC and top coat sealer. Reinstalled autopilot pitch trim servo after repair by "Autopilots Central." Replaced both aft elevator control rod end bearings. Replaced tail trim link and attaching bolts and bushings. Replaced all gascolator assy O-rings, bushing for gear motor manual cable pulley, and 4 rivets in gear motor support structure. Installed nose gear well aft bulkhead and "LASAR" doubler for belly panel attachment. Replaced firewall lower center firewall panel shim, and tightened loose hardware in gear retraction links and trusses. Replaced nose wheel bearings and cups, repaired both MLG inner doors, adjusted nose gear pre-

CONTINUED



YEAR: DATE	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
		loads, and set all gear doors to close tightly in up position. Treated air-frame with Corrosion X fluid, refer to card # 14768 for details. Installed new "E.I., Inc." TIT gauge, P/N: T-1P, S/N: 154861. Installed new Whelen tail nav/strobe light assy, P/N: 0R5001V, S/N: 00162, ops check okay. Serviced battery, brake fluid, and wheel bearings. Cleaned fuel gascolator, greased landing gear, and lubed all flight controls. —END—
		I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at this repair station under
		Order No: 15814      Certified Repair Station No: DY1R103K
		Inspector: <u>Larry J. Snyder</u> Larry J. Snyder      Date: March 11, 2014
		500-B Airport Road, Lancaster Airport, Lititz, PA 17543

YEAR: DATE	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
		<div style="text-align: center;">  <p><b>HENRY WEBER AIRCRAFT DIST., INC.</b></p> <p>Lancaster Airport 500-B Airport Road Lititz, PA 17543-9341</p> </div> <div style="text-align: center;"> <p><b>Nº 14768</b></p> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <p><u>3-11-2014</u></p> <p>TREATMENT DATE</p> </div> <div style="text-align: center;"> <p><u>N231L 25-0055</u></p> <p>AIRCRAFT SN OR N NUMBER</p> </div> </div> <p>I certify that this aircraft has been treated with CorrosionX (Mil-C-81309E) to stop and prevent corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Re-treating is recommended when effectiveness ends - as determined by either time or visual inspection.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <p><u>Larry J. Snyder</u></p> <p>TECHNICIAN'S SIGNATURE</p> </div> <div style="text-align: center;"> <p><u>CRS DY1R103K</u></p> <p>A &amp; P NUMBER</p> </div> </div>

Benjamin M Travis  
 Repairman 2774970

Signature: Bryn M L  
SMART Avionics Inc  
 FAA Repair Station ZV8R725X  
 Time: 1033.7





YEAR:

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DATE

**Henry Weber Aircraft Distributors, Inc.**

Maintenance Release

**N231L**

S/N: 237415-R



Hobbs: 1061.5

Engine Logbook

Removed alternator. Installed overhauled alternator (P/N: ALX-9525B, S/N: H-0100400) with new drive coupling (P/N: 635796). Replaced right magneto capacitor. Op's and leak checks okay on engine ground run.

—END—

The component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order No: 15998

Certified Repair Station No: DY1R103K

Inspector:

Jeffrey L. Martin

Date: February 4, 2015

500-B Airport Road, Lancaster Airport, Lititz, PA 17543

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