

Book I

N231CA

The Standard



ENGINE LOG

Aircraftsman

7000 Merrill Ave Chino Airport
Hangar A480/Box 100 (909) 393-0884
Chino, CA 91710 (909) 393-0494 FAX

N-Number: N231CA
Engine Model No: TSIO-360-GB
Engine Serial No: 309034

Engine

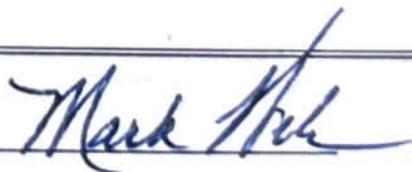
Date: 5/13/03
Hobbs: 538.33
SMOH: 0.0
Engine TT: 1170.73

Inspected this engine In Accordance With 100 hour / Annual Inspection guideline as outlined in Mooney M20-K Maintenance Manual.

- *Reinstalled engine following Major Overhaul by Lynn's Aircraft Engines, FAA Repair Station No. YB3R991L under their Work Order No. 29067.*
- *Installed new SCAT hose.*
- *Installed new fluid hose assemblies.*
- *Engine serviced with 8 quarts of Aeroshell 100 mineral oil.*
- *Installed CH48108 oil filter.*
- *Checked timing.*
- *Inspected exhaust system.*
- *Inspected all engine controls.*
- *Checked wires, cables and hoses for condition and security.*
- *Engine ground run satisfactorily.*

I Certify I have Inspected this Engine In Accordance With and Annual Inspection and Determine It To Be Airworthy.

Mark Wilson A&P1783644131A



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Hangar A480/Box 100
Chino, CA 91710

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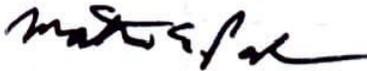
Date: 6/20/03
Hobbs: 542.50
SMOH: 4.17
Engine TT: 1174.9

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- Removed turbocharger for overhaul by main Turbo Systems, Inc., FAA Repairstation No. MAMR190K, under their WO # 28494.
 - Turbo reinstalled with new seal & packing.
 - Aircraft flight tested satisfactorily.

I Certify I have Inspected this Engine Repair and Return It To Service.

Mark Wilson A&P1783644131A



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>L-08 AIRCRAFT MAINTENANCE 424 N. Civic Dr. Palm Springs, CA. 92262</p>
				<p>Date 9/22/03 MODEL Mooney M20K S/N 25-0026 N 231CA HOBBS 607.9 AFTT 1240.4 TSMOH 69.6</p>
				<p>Drain oil. Remove and cut oil filter, clean suction screen, no metal found. Installed new CH48108 oil filter. Service with 8qts Aeroshell W100. Ground run, no leaks found.</p>
				<p>Sign.  A&P 548959526</p>
				<p>--END--</p>

D.

15



L-08 AIRCRAFT MAINTENANCE
Cessna Authorized Service Center
424 N. Civic Dr. Palm Springs, CA. 92262

15
NUMBER OF
ENTRIES.)

Date 11/14/2003

MODEL Mooney M20K

S/N 25-0026

N 231CA

HOBBS 632.7

TSMOH 94.4

TTAF 1265.2

Removed and reinstalled RH exhaust stack, header and bypass after repair by Knisley Welding, W/O# 112513. See yellow tags for (4) repaired pieces with aircraft records. Repaired (1) air intake attach point. Repaired one section of LH forward engine baffling. Replaced all exhaust gaskets, P/N 630365. Runup aircraft, no exhaust leaks noted.

Sign. *Rodney Saunley* A&P 135388626

--END--

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Date 02/10/2004

MODEL M20K

S/N 25-0026

N 231CA

HOBBS 682.3

TSMOH 144.0 *ok*

TT 1314.8

Remove filter. Drain oil. Check filter for metal, none found. Clean and inspect suction screen, no metal found. Install new CH48108 Oil Filter. Service with 8qts, Aeroshell 100W. Run aircraft. Leak check OK.

Sign. *Shawn Wilson* Shawn Wilson, 564-55-3264

--END--

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Date 02/13/2004

MODEL M20K

S/N 25-0026

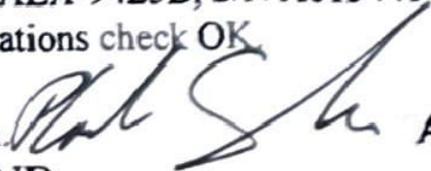
N 231CA

HOBBS 682.6

TSMOH 144.3

TT 1315.1

Removed alternator, P/N ALX-9425B, S/N 3031045. Installed overhauled alternator (see attached 8130-3)
P/N ALX-9425B, S/N A0154414. Replaced alternator drive coupling, P/N 635796 with new. Run aircraft,
operations check OK

Sign.  A&P 467336414

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

Reg. #. N231CA

Date: June 4, 2004

Model: M20K

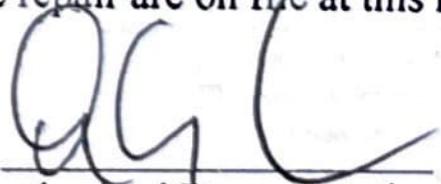
Tach: 727.0

S/N: 25-0026

SMOH: 188.7

Completed **Annual Inspection**. Compression as follows: 1. 74/80 2. 74/80 3. 72/80 4. 74/80 5. 74/80 6. 76/80. Changed oil and replaced filter serviced system with 8 qts. Shell 100W. Removed both magnetos replaced point in both and capacitor in left mag. Sealed gaps in engine baffles. Repaired alternate air box. Replaced turbo inlet oil check valve with new, and installed with correct clamps. Replaced oil pressure hose from turbo to transducer. Cleaned up magneto pressure line and installed filter. Replaced missing fuel flow transducer mounting bracket and clamp.

I certify that this engine has been inspected in accordance with a **Annual Inspection** and has been determined to be in airworthy condition. Pertinent details of the repair are on file at this repair station under Work Order # Lt-01-02201.


Authorized Representative

SERVICEABLE

Mfgr. Name Rajay Part No. 642721
Part Name turbocharger Serial 0084294

The aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the 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

Work Order No. 28494

Date 6-11-03 Signed Rayman

(Signature of Authorized Individual)

MAIN TURBO SYSTEMS, INC.

234 Cotta Ct. • Visalia, CA 93292

Phone (559) 635-3322 • Repair Station #MAMR190K • FAX (559) 627-1960