

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2008	Brought Forward →			
6-9-08	TRch 4521	TT 632754	Smooth 485.80	
	changed oil and filter added 8QT's crankcase			
	check compression #1 75/80 #2 74/80 #3 74/80 #4 75/80			
	Mechanic over greases #1 and #3			
	Cylinder clean gap over			
	checked spark plugs & gap			
	changed main bearings & pins			
	check			
Total To Carry Forward				

Total Time. 632754
 Tachometer 485.80
 this (aircraft) (engine) has been inspected in accordance with a (annual) (100-hour) inspection and was determined to be in airworthy condition.
 Dated 6-9-08 MO. No. 8029
 Signed [Signature]

and Remarks

7-23-2009 TRch 4521
 checked compression
 clean gap and main bearings
 top & spark plug & pins
 bearings & pins checked

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

September 12, 1997 Tach Time 4036 20
 Removed engine from aircraft for Shock Load Inspection and Overhaul after a Propeller Strike. Disassembled engine cleaned and inspected. All steel parts were magnifluxed by Air Capital Plating of Wichita, KS. Crankcase was repaired by Engine Components San Antonio, TX. Camshaft was reground by Aircraft Specialties Services Tulsa OK. Governor was OH by Southwest Aero Techly WA. CW AD 91-14-22 and Lycoming Service Bulletin 475B. Installed new rod bushings, rocker bushing, exhaust guides, exhaust studs, and machined exhaust port surface. Reassembled the engine using the following new parts:

2 SL13884	Bearing	4 SL13923A	Bushing	8 60009	Key
4 SL11020	Bearing	8 AL12186	Nut	1 05K19423S	Impeller Kit
8 SL13521	Bearing	8 74644	Bolt Rod	1 AL61174	Shaft
4 AL75089	Piston	8 AL31C-12	Stud	1 78528	Body
4 AL73938	Valve Intake	8 72877	Body	1 SL75439-1	Gasket Set
4 AL19001	Valve Exhaust	4 AL13790	Shaft	1 STD 2213	Bolt, Crankshaft
4 AL14077-1	Piston Pin	8 AL12892	Button	4 STD 1821	Hose
4 AL74230	Guide Exhaust	4 AL60398	Bushing	4 69603	Hose
8 MS13997-3	Key	4 AL74637	Bushing	4 J-7402-1	Mount Assy
4 MS13998-3	Cap	1 AL74673-A1	Ring Set		

All work was accomplished in accordance with Lycoming OH Manual, SL, SB & SI. Installed engine on aircraft in accordance with Mooney Service Manual. Installed new oil filter and serviced engine with Phillips 20W50 Type M Oil. Ground ran engine and checked OK.
 I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition this date 09/11/97.


 Mark J Wiebe
 A&P 514725864

and Remarks

3-16-98 Tach 4020 82
 added 8975 Phillips
 even look and cycle
 6-29-98 Tach. 4162 56
 added 8975 screws
 look check OK