

Gregory W. Groves A&P 3466323

Date



2-16-18 IO-360B1E S/N RL12854-51A RO 11215 TACH TIME 5283.1

RECEIVED THIS ENGINE FOR A MAJOR OVERHAUL. ENGINE DISASSEMBLED, CLEANED AND INSPECTED. ALL STEEL PARTS MAGNAFLUXED. ALL ALUMINUM PARTS ZYGLOED. USED CERTIFIED CRANKCASE FROM CRANKCASE SERVICES, CRS H1HR0960. CERTIFIED CRANKSHAFT, P/N V19811, S/N 13B17120, INSTALLED. CAMSHAFT AND LIFTER BODIES REWORKED AND CERTIFIED BY AIRCRAFT SPECIALTIES, CRS DD2R764K. #3 CYLINDER DAMAGED BEYOND REPAIR. REPLACED WITH A SERVICEABLE .010 OVERSIZE CYLINDER. ALL CYLINDERS HONED TO .010 OVERSIZE. INSTALLED NEW EXHAUST GUIDES, NEW EXHAUST VALVES, SPRINGS AND KEYS. 2 NEW INTAKE VALVES IN #3 AND #4 CYLINDERS WITH NEW SPRINGS AND KEYS. FUEL SYSTEM OVERHAULED BY MARTIN INDUCTION, CRS BF2R714K. MAGNETOS, LEFT S/N 99040917, AND RIGHT, S/N 99040494, OVERHAULED BY D&B AIRCRAFT, CRS HX2R888K. NEW IGNITION HARNESS AND REM38E SPARK PLUGS INSTALLED. PROP GOVERNOR OVERHAULED BY AIRCRAFT ACCESSORIES, CRS RV3R829L. ALL ENGINE BAFFLE REWORKED BY D&B AIRCRAFT. ENGINE FILLED WITH AERO SHELL 40WT N.D. OIL AFTER INSTALLATION ON AIRCRAFT BY CRABTREE AVIATION AND GROUND RAN SATISFACTORILY.

- AD 96-04-06R1 COMPLIED WITH EXTERNAL OIL LINE AND FITTING
- AD 96-09-10 COMPLIED WITH ON OIL PUMP. INSTALLED NEW HOUSING AND GEAR KIT.
- AD 96-23-03 COMPLIED WITH ON HIGH PRESSURE FUEL PUMP. NEW ONE INSTALLED.
- AD 98-02-08 ON CRANKSHAFT INSPECTION DOES NOT APPLY.
- AD 2004-10-14 COMPLIED WITH ON CRANKSHAFT GEAR BOLT, NEW BOLT INSTALLED.
- AD 2015-19-07 COMPLIED WITH ON FUEL LINES.
- MSB 475E COMPLIED WITH ON CRANKSHAFT GEAR MODULE.
- MSB 518C COMPLIED WITH ON THERMAL BYPASS VALVES. NEW ONE INSTALLED.
- MSB 555 COMPLIED WITH ON OIL PUMP PLUG INSPECTION.

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O.V. SHOUN CRS HX2R888K

SERVICE	OVERHAUL	TIME	DESCRIPTION	
3-29-18	5316.5	46.4	5283.1	TOTALS brought forward from previous page
				Remove Engine from Aircraft
				N3984T S/N 28R-30335 Install
				Engine IO-360B1E S/N RL12854-51A
				on Aircraft N3984T S/N 28R-30335
				with New Load Engine mounts
				P/N 5-9613-40 and Service Engine
				with 8 qts 100 Mineral Oil Aeroshell.
				After overhaul by D&B Aircraft
				Engines. See Engine Log Book Entry
				2-16-18 for more detail. All work
				I also Piper Service Manual for
				PA28R-200. 8A-15 Installation of
				Engine. Test Run Adjust as needed
				Check for leaks none noted this
				time. <i>Signature</i> A-P 44642319
				12/3/18
				N3984T
				Tach time: 5,288.5
				Time since overhaul: 5.40
				One-hundred-hour inspection.
				Replaced induction sup drain hose and clamp.
				I certify that this engine has been inspected in accordance with a 100 hr. Inspection and was determined
				to be in airworthy condition at this time. Inspection data: Piper Service Manual 753-586 and Appendix D
				to title 14 CFR part 43.
				<i>Signature</i> 12/3/18
				Gregory W. Groves, A&P 3466323 Date

old filter.
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9/07.1
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586 and

CRANKSHAFT,
CERTIFIED BY
WITH A
D NEW

OVERHAULED
LED. PROP
WORKED BY
RAFT