

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 44020

Engine Manufacturer LYCOMING

Model I0 540 KIAS

Serial No. L- 12032-48

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- Right
- Left
- Front
- Rear



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7/1/98				TOTALS brought forward from previous page
1/27/98	4008.12	O.O	Hobbs	O.O
				ENGINE OVERHAULED THIS DATE. NEW HDDC METER INSTALLED. ENGINE OUHLD DUE TO TBO.
				CRANKCASE OVERHAULED BY DIFCO— WO# 66808- 4-28-98.
				CRANKSHAFT OVERHAULED BY AIRCRAFT SPECIALTIES SERVICES # WO# 95550, SB # 4758. CW. Rods & MAINS ARE STANDARD SIZE. Counterweight Bushings INSTALLED.
				12 ea - SL74309STD Rod Bearings INSTALLED.
				6 ea - SL11575STD MAIN BGS INSTALLED
				2 ea - SL13885STD MAIN BGS INSTALLED.
				CRANKSHAFT GEAR MAGNAFLUXED & INSPECTED BY AIRCRAFT SERVICES - INSTALLED USING NEW STD 2209 BOLT & RETAINER.
				CAMSHAFT OVERHAULED BY AIRCRAFT SPEC SERVICES. WO# 95550 SN 595550-5.
				CONNECTING RODS OVERHAULED - ROBSCHED MAGNAFLUXED & INSPECTED BY AFT SPEC SERVICES. PART # LW 10646.
				ALL INTERNAL GEARS INSP BY AFT SPEC SERVICES.
				NEW MAGNETO MICRO TOLER BEARINGS IN
				CONTINUED NEXT PAGE →
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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				CONTINUED -
				12 ea - LW 5060 Rod Bolts INSTALLED
				12 ea - LW 12186 Rod NUTS INSTALLED.
				1 ea - ALDOK194235 OIL PUMP IMPELLER KIT INSTALLED. LW AD 96-9-10
				LIFTER BODIES INSPECTED & OVERHAULED BY AIRCRAFT SPEC SERVICES.
				INSTALLED 6 NEW LYCOMING OSK2112 STEEL CYLINDER ASSEMBLIES.
				ROCKER ARMS OVERHAULED BY AIRCRAFT SPECIALTY SERVICES.
				6 ea NEW 72626LW ROCKER SHAFTS INST.
				12 NEW LW 71549 ROCKER SHAFT SPACERS INSTALLED.
				12 ea LW 61503 PUSH ROD Tube sleeves INST.
				24 ea - LW 71133 CYLINDER HOLD DOWN NUTS
				24 ea - LW 71134 cyl NUTS INSTALLED.
				12 ea RUM 38E SPARK PLUGS INSTALLED.
				INSTALLED 2 ea NEW 6351 MAGNETO'S BOTH EQUIPPED WITH COUPLINGS.
				LH-6351 SN-98032377
				RH-6351 SN-98022359.
				NEW SLICK 19WITON HARNESS INSTALLED.
				4 ea LW 12136 MAGNETO DRIVE CUSHIONS INSTALLED
				1 ea LW 13807 MANIFOLD FULL DRAD INSTALLED.
				ENGINE ASSEMBLED USING LW 73185-1 GASKET KIT
				CONTINUED IN NEXT PAGE -
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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MYRISCA AIR CORP.

7727 KARL MAY DR. WACO, TX 76708
PHONE: 254-752-6745 FAX: 254-752-6749

N#: 6300M IO-540-K1A SERIAL#L-12032-48
T.T. 4331.1 DATE: 05-09-2002

COMPLETED 100 HR. INSPECTION PER PIPER PA-32-300 MAINTENANCE MANUAL. DRAINED OIL, REPLACED FILTER P/N: CH48110 AND SERVICED ENGINE WITH 12 QTS. AS W100. REMOVED, CLEANED, GAPPED PLUGS AND REINSTALLED. REPLACED ALL EXHAUST RISER NUTS AND LOCK WASHERS. COMPRESSION CHECKS ARE AS FOLLOWS #1 70/80, #2 68/80, #3 72/80, #4 70/80, #5 68/80, #6 77/80. PERFORMANCE CHECK GOOD NO LEAKS NOTED AT THIS TIME.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found to be in an airworthy condition.
Matthew Voorhies - Matthew Voorhies A&P 450255864

Warren County Airport, Ltd
2460 Greentree, Rd
Lebanon, OH 45036
513-932-7966

Make	Lycoming IO-540-K1A5	Tach/hobbs	4346.3
SN#	L-12032-48	TT	
Date	07-24-2002	TSMOH	338.18

Description
Removed & reinstalled engine w/ new gaskets & main bearings for tear down inspection due to low oil pressure. Replaced crankcase, w/ recond case from ECI W.O. #71821Q3, due to crack. Replaced one oil cooler w/ new from Canadian Aero Manufacturing PN 20003A AN 002-1423-9. Replaced left rear baffle & cooler support w/ new PN 68029-000. Had Dawley Aviation OH exhaust due to cracks & warped flanges. Installed engine oil pre-heater PN 540 Reiff. Replaced alternator PN 3656624 SN A206044 Aerotech, mounting bracket & belt PN 452-686. Replaced starter PN MZ4222 SN A207049 Aerotech. Replaced ignition switch. Repaired air filter box. Replaced alternator belt. Installed new oil filter PN CH48110. Serviced w/ 12qts of 15w-50 Aeroshell oil. C/W SI 1492C by replacing all piston pins w/ new PN SL13444-1. Ground run up OK. *By inspection of engine*
Compressions
Wayne R Grow
AP27838837IA *Wayne R. Grow*

SUB-TOTALS this page
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Warren County Airport, Ltd
2460 Greentree, Rd
Lebanon, OH 45036
513-932-7966

Make	Lycoming IO-540-K1A5	Tach/hobbs	4358.5
SN#	L-12032-48	TT	
Date	9-12-03	TSMOH	350.32

Description
Replaced both EGT probes mm-111 on #6 cyl. Replaced CHT probe 5050Ton #6 cyl. Replaced CHT 5050A on #5 cyl. Changed oil and filter. Cut open filter found OK. Serviced with 12 qts Aeroshell 15w50 oil and CH48110 filter.
Compressions
Wayne R Grow
AP27838837IA *Wayne R. Grow*

Warren County Airport, Ltd
2460 Greentree, Rd
Lebanon, OH 45036
513-932-7966

Make	Lycoming IO-540-K1A5	Tach/hobbs	4374.2
SN#	L-12032-48	TT	
Date	12-20-2002	TSMOH	386.2

Description
R&I engine IAW Piper Cherokee Six service manual to CW AD 2002-20-51 & SB 554 w/ supplement #3 pertaining to crankshaft gear retaining bolt. R&I accessory section of engine using kit #05K19987. Changed oil & filter. Cut open filter found OK. Serviced w/ 12 qts 15w-50 Aeroshell oil & CH48110 filter. Ground run up OK.
Compressions #1- #2- #3- #4- #5- #6-
Wayne R Grow
AP27838837IA *Wayne R. Grow*

Warren County Airport, Ltd
2460 Greentree RD
Lebanon, OH 45036
513-932-7966

Make	Lycoming IO-540-K1A5	Tach/ Hobbs	4401.4
SN#	L-1232-48	TT	4401.4
Date	04-22-03	TSMOH	393.28

Description
Performed 100hr. inspection IAW Piper PA32-300 maintenance manual & inspection checklist PN 230-210. Changed oil & filter. Cut open filter found OK. Serviced w/12 qts 15w-50 Aeroshell oil & CH48110 filter. Removed, cleaned, tested, reinstalled, sparkplugs. Researched & complied with all AD's. See compliance records. Ground run-up found OK.
Compressions #1-75 #2-72 #3-75 #4-75 #5-76 #6-76
Kyle D Lawrenz
AP115727670 *Kyle D Lawrenz*

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE 12-22-03 TACH 4401.4 TOTAL 4401.4
 CERTIFY THAT THIS AIRCRAFT, ENGINE
 PROP. HAS BEEN INSPECTED IN ACCORDANCE
 WITH AEROSHELL INSPECTION AND WAS DETER-
 MINED TO BE IN AIRWORTHY CONDITION
Wayne R. Grow
 AP27838837IA

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				<p><i>Wayne R. Grow</i> A&P 27838837 IA</p> <p>DATE 07-04 TACH 4455.8 TOTAL 4455.8</p> <p>CERTIFY THAT THIS AIRCRAFT, ENGINE PROP. HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>																																				
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