AIRCRAFT MAINTENANCE RECORDS

N 756WV

ENGINE

LOG BOOK #3





NWACT

Owner
Aircraft Registration N 756WV
Manufacturer Lycoming
Model <u>O-54Ø-L3C5D</u>
Serial No. <u>L-33535-4ØA</u>
Position



AIRCRAFT MAINTENANCE RECORD Page No.

Date	Total Time DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
ORWARD	
	WATSON Make: Model: S/N: SMOH: Date:
	AFRO LLC Lycoming O F40 (30FD L 20FD L)
	Disassambled this engine for major and the little
	The following components were sent out for inspection/repair:
	Magneto-Eagle Magneto Inc. (W/O# 4755) Oil sump/accessory case/crankcase-Divco (W/O# 14273/135710/136137)
	Counterweights/tachometer shaft/rocker arms/gears/hydraulic units/connecting rods/crankshaft-Aircraft
	Specialties Services (W/O# 274107) Carburetor-D&G Supply (W/O# 43034)
	Cylinders-Twin Aircraft Engines (W/O# 1958-1)
	The following parts were replaced for reassembly of engine: -Camshaft (PN: LW19340)
	-Camshaft followers (PN: 15B26588)
	-Crankshaft bearings (PN: 18D26099M06)(PN: SL13884AM06)
	-Connecting rod bearings (PN: SL13521AM03) -Oil pressure relief valve (PN: SL77808)
	-Oil pump housing (PN: LW10344)
	-Oil pump impeller kit (PN: 05K23463)
	-Piston pins/plugs (PN: LW14078) (PN: 72198)
	-Connecting rod bolts/nuts (PN: SL75060)(PN: SL12186) -Crankshaft gear bolt (PN: AN8-14A)
	-Oil temperature control valve (PN: SL53E19600)
	-Engine driven fuel pump/drive plunger (PN: AF15473/SL61544)
	-Prop governor gear set screw (PN: AN565B1032H5) -Magneto drive gear cushions (PN: SL13641)
	-Oil filter converter plate gasket (PN: 06B23072)
	-Magneto capacitors (PN: KA10-400576)
	Oil filter (PN: AA48103)
	Set piston ring end gaps, and adjusted dry tappet clearances as required. Serviced engine with 8 quarts
	Aeroshell W100 PLUS oil. Performed engine operational/leak check in a test cell environment for 90 minutes. Operational check satisfactory. Work performed in accordance with Lycoming Direct Drive Engine Overhaul
	Manual (PN: 60294-7), revised 06/2011, SB 240W, SI 1029, SI 1059. Pertinent details are on file at this facility
	under work order #1389.
	James Watson
	#5/4/310 Adp
1	
	SUB-TOTAL THIS PAGE

AIRCRAFT MAINTENANCE RECORD

Page No.

Date

Total Time

DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK

FOR

ABSOLUTE AERO

MAINTENANCE 21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591 **ENGINE ENTRY**

WORK ORDER: 3736 AIRCRAFT: N756WV TACH: 3883.7 TSOH: 0.0 TTE: 6021.5

DATE: 02/01/2023

MODEL: Lycoming O-540-L3C5D S/N: L-23535-40A

Removed engine for overhaul by Watson Aero LLC (James Watson, A&P# 3747310, WO# 1389). Reinstalled overhauled engine using new gasket set. Drained preservative oil in accordance with Lycoming SI 1472. Serviced engine with 9 quarts of Phillips X/C 20W50 oil and pre-oiled in accordance with Lycoming SI 1241C. Ground ran engine referencing Lycoming SB 1427C, leak check and operational test good. Compression results: #1: 77/80, #2: 76/80, #3: 76/80, #4: 75/80, #5: 76/80, #6: 77/80. Verified idle speed and mixture adjustments. No defects noted at this time. Verified AD's current through FAA AD biweekly 2021-21. All work completed in accordance with the Cessna 182T and Lycoming Maintenance Manuals. -END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Allen Dake A&P / IA 561084999



ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

ENGINE ENTRY

WORK ORDER: 3944 AIRCRAFT: N756WV TACH: 3894.8 TSOH: 11.1 TTE: 6032.6

MODEL: Lycoming O-540-L3C5D S/N: L-23535-40A

DATE: 02/10/2023

DATE: 02/16/2023

Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48103-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips X/C 20W50 oil. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cessna TR182 Service Manual and Lycoming Maintenance Manuals. -END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

ENGINE ENTRY



ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

WORK ORDER: 3955 AIRCRAFT: N756WV TACH: 3910.5 TSOH: 26.8 TTE: 6048.3

MODEL: Lycoming O-540-L3C5D S/N: L-23535-40A

Completed initial 25-hour break-in inspection. Performed borescope examination of all six cylinders and reinstalled upper spark plugs with new gaskets (6EA P/N: M674). Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48103-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cessna TR182 Service Manual and Lycoming Maintenance Manuals. -END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

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TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD Page No. DESCRIPTION OF WORK PERFORMED **Total Time** Date SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK CARRIED, FORWARD 3960.6 6-1-23

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