N9186H #3

AIRCRAFT ENGINE
LOGBOOK

Engine Record

Manufacturer	Continental	Model	O-470-50 / O-470-U
Aircraft the engine is installed on	N9186H	Type Certificate	
Serial	273227-R XP470 S/N 3532		
Minimum Octane Fuel		Oil Grade	Winter: / Summer:
Point Setting		Firing Order	
Magneto Time			
Manufacturer recommended overhaul at	hours	Spark Plug Gap	

Additional Information

NOTES:

YE
DA
NOTI

YEAR

DATE

Valley Aircraft Engines
10567 Phillips Store Rd.
Broadway, VA 22815

Engine Model: O-470-50 / O-470-U
Engine S/N: 273227-R
XP470 S/N: 3532

ician or Repair

Date 04/10/26 Engine TT Cont. SMOH "0"

ENGINE LOG

Engine disassembled at this time for overhaul. All parts magnaflux, visually, or zyglo inspected. Installed overhauled crankcase P/N: 649042/3, S/N: 881507 (Crankcase Services, Inc. FAA Repair Station number H1HR096O, W/O# 42010). Installed Yellow tagged Crankshaft S/N: R59395-1 and counterweights P/N: 639195 and 639196 (Rick Romans, Inc. FAA Repair Station number BE2R713K, W/O# 59395 and 59396) with new pins P/N: SA643626-101, 103 and -104, plates P/N: SA643629 and snap rings P/N:SA629104. Installed new main and rod bearings P/N: SA646590-A1 M010 Set and SA630826 M010. Installed yellow tagged rods (Rick Romans, Inc. FAA Repair Station number BE2R713K, W/O# 59395) Installed New rod bolts SA629340, nuts SA628109 and cotter pins. Installed new lifters P/N: SA628488, SA646277 and Yellow tagged Camshaft P/N: 535661 S/N: R59395-2 and Rocker arms (Rick Romans, Inc. FAA Repair Station number BE2R713K, W/O# 59395). Installed 6 new Superior cylinder assemblies P/N: SA52006-A20P with Pistons P/N:SA654850(See form 8110-3 Dated 2-23-26) and Piston Pins P/N: SA630046. Engine assembled using new Continental gasket and seal kit P/N: SA536092-A10 and SA641250 Crankshaft seal. Installed new bearings and Seals in Starter drive. Installed New P/N: ES6310 magnetos S/N: H-Z072318 and H-Z042576, New Igntion harness P/N: KA12381 and RHB32E spark plugs. Installed Overhauled and Modified MA-4-5 Carburetor P/N: 10-5284 S/N: DV21421 (Avstar Fuel Systems Repair station number V1RR580Y, W/O# 66698001). Engine has been modified by STC# SE4985NM (see 337 dated 04-10-26). All work completed in reference with Continental overhaul manuals.

NOTE

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

Signed _____

Thomas Harris
A&P # 3745745

Wicked Wings Aviation LLC
221 DAV Lane
London, KY 40741
US

Make: Textron (Cessna)
Model: 182R
Tail: N9186H
S/N: 18267926

Hours: TT: 1354.2 Tach: 1354.2 TSMOH: 0.0 TTE: 1321.6

Continental O-470-50 / O-470-U S/N 273227-R XP470 S/N 3532
Installed engine after overhaul by Valley Aircraft Engines. Installed with new 4 ea. P/N 94110-40 engine mounts. Cleaned, prepped, painted and installed engine baffling. Timed magnetos to 22 deg. Installed starter P/N 646275-1 S/N Z-169357 overhauled by Aerotech of Louisville, Inc. W.O. # 167293. Installed alternator P/N DOFF10300B S/N 72917 overhauled by Aerotech of Louisville, Inc. W.O. # 141559. Installed propeller governor McCauley C290D3K/T5 S/N 771245 overhauled by Aircraft Accessories of Oklahoma S.O. # 26-457. Filled engine with 12 qts. AeroShell 100 oil. Installed new oil pressure hose P/N 156001-4S-0495. Inspected and installed exhaust with new gaskets. Run up and leak checked ok, oil pressure and temperature normal. Mag drops normal. AD's researched thru FAA Biweekly 2026-10-05. I certify that this engine was inspected IAW a 100 Hr. inspection and was determined to be in a airworthy condition.

Signed: Charles E Tucker Jr
Name: Charles E. Tucker Jr.

Cert: A&P 3646550
Date: 05/21/2026

ENGINE LOGBOOK		
Reg No: N9186H	Aircraft Type: Cessna 182R	Aircraft S/N: 18267926
Tach: 1354.2	Hobbs: N/A	Aircraft Total Time: 1354.2
Engine Total Time: 1321.6	Engine SMOH: 0.0	Engine S/N: 273227-R
Prop Total Time: 1354.2	Prop SMOH: 0.0	Prop S/N: PX300B

London, KY

1. I certify this engine has been inspected IAW an Annual inspection, per FAR 43 Appendix D and found to be in an airworthy condition at this time.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 05/28/2026 Signed: Ryan Cunningham

Ryan Cunningham A&P 4079271 I/A