



ENGINE MAINTENANCE RECORD

Left eng.
AIRCRAFT SERIAL AND REGISTRATION 310I0170, N8170M
ENGINE MODEL AND SERIAL I0-470-U 115196-4-U

PACIFIC CONTINENTAL ENGINES, INC.

Engine Warranty

Engine Model: IO-470-U Engine Serial No.: 115196-4-U Warranty Number: 31550 Date: 7/15/2017

FULL WARRANTY

PACIFIC CONTINENTAL ENGINES, INC. warrants this ENGINE to be free from defects in material and workmanship under normal use for a FULL TWELVE (12) MONTHS or FIVE HUNDRED (500) HOURS, whichever occurs first, from date of installation or TEN (10) days after shipment date, whichever is applicable.

LIMITED WARRANTY

Additionally, cylinders, crankshaft and crankcase are further warranted on a pro-rated basis to the recommended T.B.O. of the engine, at a minimum rate of 40 hours per month except that no labor allowance will exist for the period between the end of the FIRST TWELVE (12) MONTHS and the recommended T.B.O. of the engine.

TERMS AND CONDITIONS

- I. Warranty service may be accomplished at facilities other than Pacific Continental Engines, Inc. but ONLY AFTER PRIOR WRITTEN APPROVAL from Pacific Continental Engines, Inc. and provided all work is performed at prevailing rates with Pacific Continental Engines, Inc. retaining the option to furnish all parts.
- II. This warranty is VOID on this engine and its accessories if they have been repaired or altered outside the Pacific Continental Engines, Inc. facility WITHOUT PRIOR WRITTEN APPROVAL or have been operated contrary to manufacturer's operating instructions or subject to misuse, neglect, accident, use of improper fuel, or operated in a manner different from its original FAA certificated configuration (such as, but not limited to engine RPM, temperature, manifold pressure, fuel flow, and improper adjustment), subsequent to installation or shipment from Pacific Continental Engines, Inc.
- III. This warranty expressly excludes shipping expense, liability to user or passengers, loss of revenue, or loss of use, with reference to operation and performance of this engine.
- IV. All engine accessories are guaranteed for one year or 500 hours, whichever occurs first. Engine accessories are defined as follows: Continental and Lycoming fuel injection systems (fuel servo, throttle control, fuel pump, flow divider, nozzle lines, nozzles), Carburetor, Magneto, Starter, Alternator, Generator, Vacuum Pump, Tach Generator, Hydraulic Pump, Primer Diverter Valve, Exhaust System, Turbo Charger, Wastegate, Controller, and Pressure Relief Valve.
- V. WARNING: ... Automotive fuels are not recommended for use in aircraft engines. The use of any fuel other than the proper octane of an aviation grade fuel will void all warranties.
- VI. The amount of TROUBLE-SHOOTING costs allowed will be the reasonable costs under the circumstances of identifying the need for such repairs or replacements, but in no event will the TROUBLE-SHOOTING cost allowance exceed fifteen percent (15%) of the reasonable labor costs associated with such repairs or replacements.
- VII. Pro-rate warranty will be computed as follows: When repair or replacement is made the owner will pay a net price for a replacement engine or part utilized in effecting such repair or replacement which will equal the current list price of the replacement engine or part divided by the total number of hours of warranty coverage (TBO) and then multiplied by the total number of warranty hours or actual hours, whichever is greater, on the repaired or replaced engine.
- VIII. Warranty repair or replacement of any part shall not extend this warranty beyond the original warranty time or hour limitation.
- IX. Original manufactured component or cylinder warranty registration documentation must be completed and registered with the respective manufacturer.
- X. This warranty applies to engines installed, inspected and maintained in accordance with Federal Aviation Regulations, instructions for continued airworthiness, applicable service bulletins, service directives, service letters, service instructions, the aircraft manufacturer or any accessory or component manufacturer. Compliance with recommended maintenance and inspections must be documented by appropriate logbook entries, and the original engine logbook must be made available to representatives of PCE when applying for warranty consideration.
- XI. For all warranty situations call (818)899-5200 FOR APPROVAL. Please provide the Warranty Number to expedite all claims.

Authorized _____

1993

PACIFIC CONTINENTAL ENGINES, INC.

21 W. Easy St. Unit 103 Simi Valley, CA 93065
(818)899-5200 FAX (818)899-5300

FAA APPROVED REPAIR STATION #TZ3R885L

**CERTIFIED OVERHAUL TO
NEW ENGINE TOLERANCES
ZERO-TIME EQUIVALENT**

CONTINENTAL MOTORS INC

IO-470-U

115196-4-U

0.0

This engine was overhauled in accordance with CMI manuals X30588, X30589, and current Federal Aviation Regulations and is approved for return to service.

V8940

Authorized Signature:

(Air Agency #TZ3R885L)

15/JUL/2017

1688.4

**AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER**

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS

PACIFIC CONTINENTAL ENGINES, INC.
21 W. Easy St. Unit 103 Simi Valley, CA 93065

(818)998-5200 FAX (818)998-5300

FAA APPROVED REPAIR STATION #TZ3R885L

RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE

DESCRIPTION	PART NUMBER	SERIAL NUMBER	STATUS	II	ISO	WORK BY
Alternator	TAL24-70C	H-R060440	N	0	0	HARTZELL
Starter	646275-1	H-R051317	O	N/A	0	HARTZELL
LH Magneto	BL600606-1	I080009ER	O	N/A	0	PCE
RH Magneto	10-600656-1	G019613ER	O	N/A	0	PCE
Throttle/Control	630074A3	F049006AR	O	N/A	0	PCE
Fuel Pump	646212-9A14	B187609B	O	N/A	0	PCE
Flow Divider	631427A22M	D217913C	O	N/A	0	PCE
Oil Cooler	626371	042	O	N/A	0	Pac Oil

NOZZLE ASM:

627335-D12C

SPARK PLUGS:

URHB32E

HARNES:

M1730

COMMENTS:

Installed SAP new cylinder kits pin SA47006L-A20P (s/n's 476LE173-396, -398, -403, -406, -407, and -408), camshaft pin 535661, and lifters pin SA628488. Installed crankshaft s/n H955. Installed crankcase pin 539489 s/n 687 after repair by DIVCO on w/o#85429. Complied with the following CMI service bulletins: 631, 643B, 658, CSB668, 670, MSB98-10B, 97-6, MSB09-8A, and CSB05-8C. Complied with the following FAA AD's: 2010-11-04 (see attached AD compliance record).—END—Auth

Sig: [Redacted] (Air Agency #TZ3R885L)

N - NEW

O - OHC

R - REBUILT

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
8/12/17			INSTALLED ENGINE Left side N8170M NEW J3049-34 MOTOR MOUNTS ALL FUEL & OIL LINES NEW. INSTALLED OVER HAULED Prop. Gov. + Props. NEW BRACKETT AIR FILTER Ground RUN Engines + Check proper operations of Propeller. AD's Revised + updated this date	

I CERTIFY THAT THIS eng
 HAS BEEN INSPECTED IN
 ACCORDANCE WITH 100/annual
 INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY
 CONDITION.
48029 ATT 48029 TACH 48029 TMO or

[Redacted Signature] ADP

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER											
	HOURS	10THS													
			<table border="1"> <tr> <td rowspan="2">  </td> <td>1410 Jet Stream Drive, Suite 100 Henderson, NV 89052 Phone: 702-735-2739</td> <td>A/C Reg: N8170M</td> </tr> <tr> <td></td> <td>A/C SN: 310I0170</td> </tr> <tr> <td>August 17 2017</td> <td>WO: N8170M-MXP-3001</td> <td>Hobbs: 4806.9</td> </tr> <tr> <td>ENG Model: IO-470-U</td> <td>ENG. S/N: 115196-4-U</td> <td>Position: Left</td> </tr> </table>		1410 Jet Stream Drive, Suite 100 Henderson, NV 89052 Phone: 702-735-2739	A/C Reg: N8170M		A/C SN: 310I0170	August 17 2017	WO: N8170M-MXP-3001	Hobbs: 4806.9	ENG Model: IO-470-U	ENG. S/N: 115196-4-U	Position: Left	
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ENG Model: IO-470-U	ENG. S/N: 115196-4-U	Position: Left													
			- Adjusted fuel control and fuel scheduling on left engine. Operational and leak check good. All work was done with reference to Continental Motors Overhaul manual 73-03. - Full details of this work order are on record at this repair station. This aircraft has been repaired per current 14 CFR Part 43 and Continental Motors O/H Manual and is in an Airworthy Condition and Released to Service for the above mentioned items.												
			Francisco Vela A&P [Redacted Signature]												