

Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 01/24/2018

Test Date: 01/22/2018

This engine model 0470U30B, serial number 1035191 was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins




Date: 13 Feb 2018 REG: S/N: 1035191 Total Time:0.0
 Modified engine, O470U, s/n1035191, to a O470UTS per STC SE8949SW in accordance with Texas Skyways modification procedure TS94004 Rev 6 dated 5/12/04. Provided Marvel-Schebler remanufactured MA-4-5 carburetor, s/n MSE90803 in accordance with Texas Skyways Drawing TS0017. Texas Skyways engine modification serial is 200. Modified engine oil pan, per STC SE09319SC in accordance with Texas Skyways modification procedure TS1076 dated 12/30/95 or later FAA approved. Texas Skyways sump modification serial 185-369. Reference FAA form 337s dated 13 Feb 2018. Instructions for continued airworthiness: Compatibility of this design change with previously approved modifications must be determined by the installer. Perform scheduled maintenance and preflight inspections IAW applicable Cessna and TCM manuals for the O-470-U. Compatibility of this design change with previously approved modifications and correct installation of STC to be accomplished by the installer.

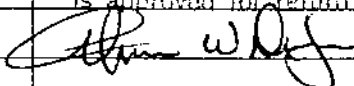
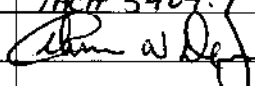
Michael Gleason
 Michael Gleason, 3422255IA

N445DC Cessna 182P s/n 18263690 March 3, 2018 TCM O470UTS Tach 5271 TSMR 0.0					
Installed this new Factory Remanufactured engine on this date. Preoiled engine before first start. See airframe logbook for additional installation details. Serviced with Phillips 20W50 Type M mineral oil for break-in. Engine was installed in accordance with STC SA8951SC, it's applicable documentation and the Cessna Service manual. Installed existing Precise Flight Standby Vacuum System V onto this engine.					
Performed an Annual Inspection in accordance with 14CFR Part 43 Appendix D, using Cessna Service Manual checklist. No differential pressure test was performed at this time.					
Ground operational check made, all good, no leaks found.					
There are no uncomplined AD's on this new engine at this time. All AD's checked for compliance through 2018-04. AD list updated and placed in aircraft records.					
I certify this engine was inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.					
<i>Alan Shackleton</i>					Alan Shackleton 2710518 A&P/IA
3-13-2018	5281	10.0	5new	Charged oil & filter. Opened filter, no contamination found. Serviced with Phillips 20W-50 Type M and Tanfest AA48109 filter.	
				<i>Alan Shackleton</i> 2710518 A&P/IA	

Date	Total Time		Time Since Last Overhaul	Engine Service and Maintenance Record
	Hours	Min		
				September 11, 2018 N445DC Tach 5329.5 and es,
Carried forward →				Changed oil and filter. Serviced with Phillips XC 20W50 and Tempest AA48109. Opened filter, no contamination found. Engine run-up was completed with no oil leaks found.
				Engine returned to service.
				<i>COJ Shalton</i> Alvin Shackleton 2710518 A&P / IA
12-11-2018	5359.2		TACH	Changed oil & filter. Serviced with Phillips XC 20W50 and Tempest AA48109.
				<i>COJ Shalton</i> 2710518 A&P / IA
22 APR 2019				
TACH	5377.9			RT CASE HALF CRACKED AT UPPER FORWARD STUD #5 CYL CARBURETOR FLOW LEAKING - REMOVED ENGINE FOR REPAIR BY CONTINENTAL ENGINES INC. <i>Steve W. Deffen</i> AP 2961734

DATE: June 21, 2019	ENGINE MODEL: O470U308	ENGINE S/N: 1035191	ENGINE T.T. 106.9
 CONTINENTAL SERVICES			
<p>This engine was delivered to Continental Motors Services for IRAN inspection. This engine was disassembled and inspected in accordance with procedures listed in Overhaul Manual X30586 Revision Dated October 2013 and CMI Procedures Manual M-0 Revision Dated September 2018. Cylinders were disassembled, cleaned, and repaired as required for serviceable condition. Engine assembled in accordance with procedures listed in CMI Overhaul Manual X30586 Revision dated October 2013 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable Service Bulletins and Airworthiness Directives have been complied with. This engine has been tested in accordance with procedures listed in Overhaul Manual X30586 and has been accepted. I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order ES-8891.</p>			
Complied with: M87-23, M93-4, M93-8, MSB94-8D, MSB96-10B, SB07-1, SB18-07, SB653, SB658, SB97-11, SID96-6.			
MECHANIC: <i>Frank P. [Signature]</i>	9CER853B	AUTHORIZATION: <i>Alvin Shackleton [Signature]</i>	9CER853B

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward	→				
					REINSTALLED ENL SN 1035191
					CONTINENTAL C-470-U30B
					IN C-182P SN 152 43690 N445DC
					AFTER WARRANTY REPAIR BY
					CMS CONTINENTAL MOTORS SERVICES
					ENGINE TEST RUN AND LEAK CHECKED
					OIL SERVICED WITH PHILIPS X-C
					IDLE OIL PRESS 60 PSI
					MP 20 IN HG BARO 30.10"
					RPM 410
					CARB TEMP +30C
					OIL TEMP 110°F
					MHG DROP L 9CRAM R 10 CRAM
					CHARGE +13VDC
					TEST FLOWN
					RPM 2600
					CHT 230
					OP 65 PSI
					EGT 1100 F
SMOH	106.9				DATE 17 AUG 2019 ACFT N445DC TACH 5372.9
					I certify this ENGINE airworthy
					IAW the ANNUAL inspection and
					is approved for return to service.
					 APLA 2961734
SMOH	134.9				CHANGED OIL FILTER (AA45102)
					12 QT PHILIPS X-C
					TEST RUN - LEAK CHECKED
					AIRCRAFT APPROVED FOR RETURN TO SERVICE
					TACH 5404.9
					 AP 2961734

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

ENGINE LOG ENTRY

September 1, 2020 N445DC Cessna 182P S/N R18263690 Tach 5464.1

Engine S/N 1035191 Engine TT 193.0 TSMOH 193.0

Engine reinstalled after repairs by TCM using all new Gaskets and hardware when needed. Installed Rebuilt Carb MA-4-5 P/N 10-5284 S/N MS04XF01. Installed new intake heat shields. Checked compression all 73/80 or better , Checked all fluid hoses, Checked and lubed all controls, Inspected Engine mount, Inspected oil Filter for metal ,Installed new filter AA48108 and serviced with 12 qts Phillips 20W50 type M. Inspected fuel screen, Checked sparkplugs and timing . Removed existing vacuum system along with the previously installed standby Vac system. Installed new EGT probe on Cyl 4 P/N mm-111 and new CHT in cyl 1 P/N M-113.

Performed ground run and leak check.

I certify this Engine and Propeller has been inspected IAW the scope and detail of FAR 43 Appendix D and was found to be in Airworthy Condition at this time. All AD's checked to date.

Eric Dienst AP334786573IA



-----End-----

ENGINE LOG ENTRY

February 16, 2021 N445DC Cessna 182P S/N R18263690 Tach 5497.9

Engine S/N 1035191 Engine TT 226.8 TSMOH 226.8

Drained oil, Inspected oil Filter for metal ,Installed new filter CH48108 and serviced with 12 qts Phillips XC 20W50 .

Performed ground run and leak check.

I certify this Engine is approved for return to service.

Eric Dienst AP334786573



ENGINE LOG ENTRY

June 24, 2021 N445DC Cessna 182P S/N R18263690 Tach 5529.4

Engine S/N 1035191 Engine TT 258.3 TSMOH 258.3

Drained oil, Inspected oil Filter for metal ,Installed new filter CH48108 and serviced with 12 qts Phillips XC 20W50 .

Performed ground run and leak check.

I certify this Engine is approved for return to service.

Eric Dienst AP334786573



-----End-----

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ENGINE LOG ENTRY

October 15, 2021 N445DC Cessna 182P S/N R18263690 Tach 5550.9
 Engine S/N 1035191 Engine TT 193.0 TSMOH 193.0

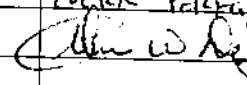
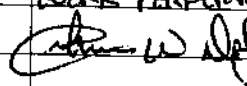
Checked compression all 73/80 or better , Checked all fluid hoses, Checked and lubed all controls, Inspected Engine mount, Inspected oil Filter for metal ,Installed new filter AA48108 and serviced with 12 qts Phillips 20W50 type M. Inspected fuel screen, Checked sparkplugs and timing . Installed new air filter.

Performed ground run and leak check.

I certify this Engine and Propeller has been inspected IAW the scope and detail of FAR 43 Appendix D and was found to be in Airworthy Condition at this time. All AD's checked to date.

Eric Dienst AP334786573IA 

End

31 MAR 2022					
TACH	5593	7			CHANGED OIL, SERVICED WITH 11 QTS PHILLIPS 20-50 XC AND NEW FILTER TEST RUN, NO LEAKS NOTED. PRESSURE & TEMPERATURE NORMAL. I CERTIFY THIS ENGINE AIRWORTHY AND APPROVED FOR RETURN TO SERVICE IAW THE WORK PERFORMED.  AP 2961734
21 JULY 2022					
TACH	56150				CHANGED OIL, SERVICED WITH 11 QTS PHILLIPS 20-50 XC AND NEW FILTER TEST RUN, NO LEAKS NOTED TEMPERATURE & PRESSURE NORMAL I CERTIFY THIS ENGINE AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE IAW THE WORK PERFORMED.  AP 2961734

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried forward →

7 Sept 2022					CHANGED OIL AND FILTER. PHILLIPS X-C 20W50
McH	5653.7				TEST RUN, NO LEAKS NOTED AIRCRAFT APPROVED FOR RETURN TO SERVICE <i>Alan W. DeJ</i> AP 2961734

Performed engine inspection and service
 cyl comp 1^{75/50}, 2^{64/50}, 3^{72/50}, 4^{47/50}, 5^{71/50}, 6^{70/50}
 changed oil serviced with SEEBORG
 cleaned & gapped all spark plugs
 insp. induction and exhaust systems,
 additional work performed:
 TIGHTENED LUBE FASTENERS ON RT FWD ENB
 MOUNT LEG,
 REPAIRED CRACK IN OIL CREEPER Baffle
 REATTACHED OIL PAN HEAT ELEMENT
 SET MAGNETO TIMING, BLENDED NICKS IN PROP
 TEST RAN ENGINE, NO LEAKS NOTED
 ALL SYSTEMS C/O.D. NORMAL
 Date 15 AUG 2022 ACFT 1445DC TACH 5665.0
 I certify this ENGINE & PROP airworthy
 in accordance with FAR Part 43 inspection and
 approved for return to service.
Alan W. DeJ AP 1A 2961734

MAINTENANCE RELEASE

UNIT NAME: Stater SERIAL NO.: H-J-021714
 PART NO.: 646238-2 INFO.: CHI
 OVERHAUL REPAIRED TESTED INSPECTED FUNCTIONAL TESTED
 The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under work order # 23227
 Owner: Fixed Wings DATE: 8-2-23 SIGNED FOR: Robert C. Bepko

RLB ACCESSORY SERVICE
 971 Babbitt Avenue • Addison, Illinois 60101-1221
 FAA Approved repair station # KB2F946K

					CHANGED OIL & FILTER. SERVICED WITH PHILLIPS X-C. REMOVED STARTER FOR INSPECTION. TEST & INSPECTION PERFORMED BY RLB ACCESSORY WO 23227. INSTALLED, TEST RUN, NO LEAKS NOTED. STARTER OPS CHECKED NORMAL. AIRCRAFT APPROVED FOR RETURN TO SERVICE. <i>Alan W. DeJ</i> AP 2961734 8 AUG 23