

OCT 25 2000



**CONTINENTAL MOTORS**  
A Teledyne Technologies Company

## CUSTOMER LETTER

October 10, 2000

To: Owners and Operators and Maintainers of Continental Engines.

Subject: Updates to TCM Mandatory Service Bulletin (MSB) 00-5

On April 14, 2000 TCM advised you of the release of MSB 00-5A that required field inspection of a number of crankshafts for a possible metallurgical flaw. Revision "B" of MSB 00-5 was released on May 24, 2000. This letter is to update you on the status of the program and to advise you that a Revision "C" to MSB 00-5 has been released. MSB 00-5 C may be accessed and down loaded on TCM's web site ([www.tcmlink.com](http://www.tcmlink.com)) under "recently released" and is in the process of being printed and mailed to the TCM distribution list and identified owners, operators and recipients of affect New, Rebuilt Engines and Service Spare Crankshafts.

**IMPORTANT: If you receive this letter and the attached MSB 00-5C but no longer have possession of the affected product, please forward these documents to the current owner, operator or FBO. If the whereabouts of the product is unknown, please notify Teledyne Continental Motors at 1-888-200-7565.**

The required inspection can be performed at your local FBO. The inspection requires the removal of the propeller to obtain a small sample of crankshaft core material from the crankshaft flange. TCM is supplying specialized tooling and instructions to perform the procedure.

Further testing and investigation has determined it prudent to amend Service Bulletin MSB 00-5 to include additional crankshafts in the MSB 00-5 inspection program. Approximately 388 crankshaft are being added.

The owners and operators affected by MSB 00-5 are those who purchased a factory new or rebuilt engine, or who had a service spare crankshaft installed in their engine that was manufactured between April 1, 1998 and March 31, 2000.

TCM's web site, [www.tcmlink.com](http://www.tcmlink.com), provides a quick means of determining affected engines and crankshafts. After accessing the site, click on "Recently Released" on the left side of the Home Page and then click on "MSB 00-5". Follow the instructions to determine if an engine or crankshaft is affected.

If you previously entered the web site and were affected, you can check status by using your tracking number.

**IMPORTANT: If you previously entered the web site and were advised that you were not affected, be advised that the issuance of Revision C may have changed your status to affected.**

If the original contact information provided to TCM is accurate and your engine or crankshaft is now affected, TCM will attempt to contact you directly. However, as a precaution, TCM strongly suggests that you enter the web site and recheck the status of your engine or crankshaft.

A large number of the crankshaft material samples have been taken, analyzed and the aircraft and engine returned to service. The specialized tooling and instructional procedures utilized to take the material samples have proven to be capable of quick response. Those engines determined to require replacement of the crankshaft are being repaired either at TCM or in the field.

Again, if you previously checked your engine or crankshaft status and were advised that you were not affected, please recheck the status of your engine or crankshaft now that MSB 00-5 C has been released. If you have not determined involvement please do so either by use of the TCM web site ([www.tcmlink.com](http://www.tcmlink.com)), by completing the attached contact sheet and faxing it to 1-888-826-5874 or by calling TCM at 1-888-200-7565.

If your engine or crankshaft is affected we urge you to schedule the inspection immediately to address this important safety issue.

Sincerely,

A handwritten signature in black ink, reading "William C. Blackwood". The signature is written in a cursive style with a large, sweeping initial "W".

William C. Blackwood  
Manager, Field Service Support

# MSB 00-5C

## CONTACT SHEET



Date: \_\_\_\_\_

Number of Pages Including Cover Sheet: \_\_\_\_\_

To: Teledyne Continental Motors  
Mobile, AL 36601  
Fax: 888-826-5874

From: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Fill in all applicable data. Please complete a separate form for each aircraft affected.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_ Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Cellular Phone: \_\_\_\_\_ Pager: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Number of Aircraft Affected: \_\_\_\_\_ Tail Number: \_\_\_\_\_ Aircraft Type: \_\_\_\_\_

Aircraft Location (city, state, country): \_\_\_\_\_

Desired FBO for Inspection: \_\_\_\_\_

City/State/Country: \_\_\_\_\_

FBO Phone: \_\_\_\_\_ FBO Contact Name: \_\_\_\_\_

This section applies to either Single or Twin engine Aircraft. Please select the appropriate one.

Engine Serial Number (Single): \_\_\_\_\_

Engine Hours Since Installed (Single): \_\_\_\_\_

Engine Serial Number (Twin/Left Side): \_\_\_\_\_

Engine Hours Since Installed (Twin/Left Side): \_\_\_\_\_

Engine Serial Number (Twin/Right Side): \_\_\_\_\_

Engine Hours Since Installed (Twin/Right Side): \_\_\_\_\_