Single Engine

Service Bulletin

December 3, 1991

TITLE
ENGINE OIL PICK-UP TUBE INSTALLATION INSPECTION

EFFECTIVITY
Airplanes with an engine installed that was rebuilt or overhauled by Teledyne Continental Motors and the engine serial number is listed in Teledyne Continental Motors Mandatory Service Bulletin M91-10 (or later revision).

<table>
<thead>
<tr>
<th>MODEL SERIES</th>
<th>YEAR</th>
<th>SERIAL NUMBERS</th>
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<tbody>
<tr>
<td>180</td>
<td>1960</td>
<td>50662 thru 50911</td>
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<td>P206-0001 thru P206-0603</td>
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<td>20700001 thru 20700788</td>
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<td>1969 thru 1968</td>
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PURPOSE
To transmit Teledyne Continental Motors Mandatory Service Bulletin M91-10. This Service Bulletin requires a visual and magnetic inspection of applicable suspect engines to determine if the engine has been assembled with the wrong oil pick-up tube. The oil pick-up tube screen may come in contact with the engine oil sump and make an imprint on the bottom surface of the sump.
COMPLIANCE

Mandatory, shall be accomplished within the next 25 hours of operation or 12 months, whichever occurs first.

APPROVAL

FAA approval has been obtained on technical data in this publication that affects airplane type design.

MAN-HOURS

Refer to the attached Teledyne Continental Motors Mandatory Service Bulletin M91-10 (or later revision).

MATERIAL

Not Applicable.

ACCOMPLISHMENT INSTRUCTIONS

Refer to the attached Teledyne Continental Motors Mandatory Service Bulletin M91-10 (or later revision) for inspection instructions.

NOTE: TCM has informed Cessna that the MODELS AFFECTED section of Mandatory Service Bulletin M91-10 will be revised soon to accomplish the following changes: in the third paragraph, line five, serial number 268090-R will be revised to 286090-R; in line eight, TSI0520-K will be revised to I0520-K.

CREDIT

Refer to the attached Teledyne Continental Motors Mandatory Service Bulletin M91-10 (or later revision).

OWNER NOTIFICATION

On December 3, 1991 the following Owner Advisory message will be sent to applicable owners of record in SEB91-13A.

Dear Cessna Owner,

If the engine in your airplane has been rebuilt or overhauled by Teledyne Continental Motors and the engine serial number is listed in Teledyne Continental Motors Mandatory Service Bulletin M91-10 (or later revision), a visual and magnetic inspection of the engine is required. This inspection is required to determine if the engine was assembled with the wrong oil pick-up tube. The oil pick-up tube screen may come in contact with the engine oil sump and make an imprint on the bottom surface of the sump.

Compliance is mandatory; shall be accomplished within the next 25 hours of operation or 12 months, whichever occurs first.

Please contact a Cessna Single Engine Service Station for more information and arrange to have this inspection accomplished on your airplane.

* * * * * * * *
MANDATORY service bulletin
25 September 1991

SUBJECT: INSPECTION FOR CORRECT OIL PICK-UP TUBE INSTALLATION

MODELS AFFECTED:


TSIO520-T, S/N 515042-H, 515355-H, 515357-H

COMPLIANCE: WITHIN THE NEXT 25 HOURS OF OPERATION

(continued)
Some Teledyne Continental Motors rebuilt and overhaul engines of the affected models may have been assembled using an improper oil pick-up tube, P/N 637813. The oil pick-up screen of this tube will make contact with the oil sump and make an imprint on the bottom surface.

If your engine is affected, the following steps should be taken to ascertain if oil pick-up tube, P/N 637813 was installed:

1. Inspect the oil sump of your engine for an imprint of the oil pick-up tube screen, approximately 2" in diameter. (See Fig. #1).

2. Using a Snap-On PR28D, 2 lb. pull magnet or equivalent, at the oil pick-up tube screen location (See Fig. #1), a strong pull will be evident if the oil screen is in contact with the oil sump. Only a very light pull will be evident if the proper oil pick-up tube was installed.

3. Using a small rubber mallet tap on the sump, a hollow sound will be produced. If the oil pick-up tube screen is contacting the sump, a solid sound will be produced at that location. (See Fig. #1).

If steps #1, 2 or 3 give indications that the oil pick-up tube screen is contacting the oil sump, remove the oil sump and oil pick-up tube and replace with oil pick-up tube P/N 625207 and appropriate oil sump.

If steps #1, 2 or 3 give no indication of oil screen contact with the oil sump, make a log book entry of compliance with this service bulletin and return aircraft to service.

The action required to comply with this service bulletin is covered by the Gold Medallion Warranty, subject to its terms and conditions. Teledyne Continental Motors will allow one (1) hour at posted shop rate to perform this inspection. Warranty claims may be filed through any Teledyne Continental Motors Distributor.

(continued)