May 10, 1971

SE71-14

SUBJECT: PROPELLER HUB IMPROVEMENT AT OVERHAUL
  (McCauley Service Bulletin No. 88)

AIRCRAFT AFFECTED:

Single engine aircraft equipped with certain McCauley constant speed propellers
(Reference: "Aircraft Model" and "Propeller Hub Model" columns on attached
Information Chart).

REASON FOR LETTER:

To announce the issuance of McCauley Service Bulletin No. 88 and provide informa-
tion concerning its effectiveness on Cessna aircraft.

This bulletin deals with propeller hub improvements which provide additional
strength for increased service life.

ACTION REQUIRED AND COMPLIANCE TIME:

Hubs must be replaced at the next propeller overhaul. Reference should be made
to the Information Chart on the reverse side of this Service Letter for determin-
ing aircraft and propeller models affected.

NOTE: McCauley Service Manuals specify that propellers are to be
overhauled at regular intervals not to exceed 1200 hours.

PARTS AND COST ALLOWANCE INFORMATION:

All parts associated with this propeller hub improvement are available through
any FAA approved McCauley propeller repair station.

Cost of replacement hubs will be in addition to the normal propeller overhaul
cost; however, special net prices have been established by McCauley. These
lower than normal prices can be obtained through the propeller repair station
performing the propeller overhaul.

(Owner Notification System - No. 1)

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ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

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THE CESSNA AIRCRAFT COMPANY
**INFORMATION CHART**

**McCauley Bulletin No. 88**

In general, all McCauley constant speed propellers installed on Cessna aircraft from 1963 through 1970 are affected by McCauley Service Bulletin No. 88. However, there are some exceptions and the only positive method for determining an affected hub is from the propeller model designation stamped in the side of the hub.

A typical hub model designation will appear as follows: D3A32C90-B. Only that portion of the model number representing hub series and change letter designation (C90-B) is significant for the purpose of utilizing the Information Chart.

<table>
<thead>
<tr>
<th>AIRCRAFT MODELS AFFECTED (Delivered from Cessna, Wichita, prior to January 1, 1971.)</th>
<th>PROPELLER HUB MODELS AFFECTED</th>
<th>CHANGE LETTER DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 180</td>
<td>C49, C50, C58, C66, C70, C73, C77, C78, C79, C88 and C90</td>
<td>No letter or &quot;A&quot; thru &quot;I&quot;</td>
</tr>
<tr>
<td>+ 182</td>
<td>185</td>
<td>188</td>
</tr>
<tr>
<td>205</td>
<td>206</td>
<td>* U206 ) *2 Blade Propellers</td>
</tr>
<tr>
<td>* P206 ) only (see note below)</td>
<td>TU206</td>
<td>TP206</td>
</tr>
<tr>
<td>207 &amp; T207</td>
<td>210 &amp; T210</td>
<td>U206) Three Blade</td>
</tr>
<tr>
<td>P206) Propellers</td>
<td>C77, C79, C88 and C90</td>
<td>&quot;K&quot; thru &quot;L&quot;</td>
</tr>
</tbody>
</table>

+ Propeller hubs featuring a threadless blade retention design, became effective on these aircraft models at the following serials. Threadless blade retention type hubs are not affected by this Service Letter.

1969 Serial 18052068 & on
1969 Serial 18259422 & on

*NOTE:* Since issuance of McCauley Bulletin No. 88, it has been determined that certain 3 blade propeller hubs installed on normally aspirated 206 Series aircraft will require replacement prior to overhaul. Refer to Cessna Service Letter SR71-15 for 3 blade hub replacement requirements on these aircraft which have hub change letter designations below "K".