Single Engine

Service Bulletin

July 28, 2003

TITLE
HONEYWELL KMA 26 AUDIO PANEL MODIFICATION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>17280602 thru 17280983</td>
</tr>
<tr>
<td>172S</td>
<td>172S8001 thru 172S8703</td>
</tr>
<tr>
<td>182S</td>
<td>18280266 thru 18280944</td>
</tr>
<tr>
<td>206H</td>
<td>20608001 thru 20608138</td>
</tr>
<tr>
<td>T206H</td>
<td>T20608001 thru T20608259</td>
</tr>
</tbody>
</table>

REASON

DESCRIPTION
According to Honeywell, it has been determined that the Power Module DCDC1 for the KMA 26 Audio Panel.Marker Beacon Receiver should be replaced. Non-compliance with this Service Bulletin may result in failure of the KMA 26 power supply unit.

COMPLIANCE
Recommended; should be accomplished at the next scheduled maintenance period.

APPROVAL
Refer to the attached Honeywell Service Bulletin KMA 26-5 (or latest revision).
MANPOWER

1.0 man-hour to remove and reinstall the KMA 26 power supply unit when modified by Honeywell in Olathe, Kansas.

OR

2.0 man-hours for removal, modification, testing, and reinstallation of the KMA 26 power supply unit when modified by an appropriately rated Honeywell Service Center.

REFERENCES

Honeywell Service Bulletin KMA 26-5 (or latest revision)


NOTE: Make sure all publications used are complete and current.

NOTE: This information shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual and should be accomplished within the specified time requirement.

OTHER PUBLICATIONS AFFECTED

Model 172R and Model 172S Illustrated Parts Catalog

Model 182S/182T/T182T Illustrated Parts Catalog

Model 206H & Model T206H Illustrated Parts Catalog

NOTE: Make sure all publications used are complete and current.

MATERIAL PRICE AND AVAILABILITY

Refer to Honeywell Service Bulletin KMA 26-5 (or latest revision).

CREDIT INFORMATION

Refer to Honeywell Service Bulletin KMA 26-5 (or latest revision).
ACCOMPLISHMENT INSTRUCTIONS

1. Electrically ground the airplane and turn all switches to the OFF position. If external power is connected to the airplane, disconnect external power from receptacle.

2. Disconnect the airplane battery. (Refer to the applicable airplane model Maintenance Manual, Chapter 24, Electrical Power.)

3. Attach maintenance warning tags to the battery and external power receptacle with the following instruction: **DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS.**

4. Remove the KMA 26 P/N 066-01155-0201 Audio Panel/Marker Beacon Receiver from the airplane. (Refer to the applicable airplane model Maintenance Manual, Chapter 23, Audio Panel - Maintenance Practices.)

5. Do Honeywell Service Bulletin KMA 26-5 (or latest revision).


7. Remove maintenance warning tags from battery and external power receptacle.

8. Reconnect the airplane battery. (Refer to the applicable airplane model Maintenance Manual, Chapter 24, Electrical Power.)


10. Make an entry in the airplane logbook stating compliance with this Service Bulletin/Honeywell Service Bulletin KMA 26-5 (or latest revision).

OWNER NOTIFICATION

On August 11, 2003 the following Owner Advisory message will be sent to applicable owners of record in SB03-23-01A.

Dear Cessna Owner:

This Owner Advisory is to inform you that Service Bulletin SB03-23-01 has been issued to transmit Honeywell Service Bulletin KMA 26-5: KMA 26 Audio Panel/Marker Receiver. According to Honeywell, it has been determined that the Power Module for the KMA 26 Audio/Panel/Marker Beacon Receiver should be replaced. Non-compliance with Service Bulletin SB03-23-01 may result in failure of the KMA 26 power supply unit.

Compliance is recommended; should be accomplished at the next scheduled maintenance period.

The information contained in the referenced Cessna Service Bulletin shall be considered an amendment to the Cessna Manufacturer’s Service/Maintenance Manual and should be accomplished within the specified time requirement.

When the KMA 26 power supply unit is modified by Honeywell in Olathe, Kansas, a labor allowance credit of 1.0 man-hour per airplane will be provided by Honeywell to remove and reinstall the KMA 26 power supply unit.

When the KMA 26 power supply unit is modified by an appropriately rated Honeywell Service Center, applicable power module parts credit and a labor allowance credit of 2.0 man-hours per airplane will be provided by Honeywell to modify the KMA 26 P/N 066-01155-0201 power supply unit as described in Honeywell Service Bulletin KMA 26-5 (or latest revision).

To receive credit, the work must be completed and a Warranty Claim submitted to Honeywell as described in Honeywell Service Bulletin KMA 26-5 (or latest revision). Please contact a Cessna Single Engine Service Station for detailed information and arrange to have Cessna Service Bulletin SB03-23-01/Honeywell Service Bulletin KMA 26-5 (or latest revision) accomplished on your airplane.

---

SB03-23-01
July 28, 2003
Honeywell

Service Bulletin

BULLETIN NO: KMA 26-5
KMA 26 Audio Panel/Marker Receiver

EFFECTIVITY
KMA 26 units P/N 068-01155-0201, all serial numbers.

REASON
To eliminate the possibility of a power supply failure.

DESCRIPTION
This modification consists of replacing Power Module DCDC1 on the Bottom Board.

COMPLIANCE
Recommended at the next scheduled maintenance period.

WARRANTY INFORMATION
Warranty credit or payment will be issued for the modification of any KMA 26 P/N 068-01155-0201. If the unit is modified by an appropriately rated Honeywell Service Center, a properly completed warranty claim for two (2.0) hours labor plus parts must be submitted. If the unit is modified by Honeywell in Olathe, Kansas, a properly completed warranty claim for one (1.0) hour labor for removal and re-installation must be submitted.

In order to insure warranty payment, the claim must be marked to show that Mod 5 was installed.

APPROVAL
This modification does not affect the original approval.

MANPOWER
Two (2.0) hours labor including testing to complete the modification.
OR
One (1.0) hour labor for unit removal and installation only.

Date: Mar/03
P/N: 600-10140-0050
REFERENCES

This bulletin only.

MODIFICATION PROCEDURE

1. Remove the top and bottom covers by removing the eight cover screws.

   **CAUTION**

   Any disassembly/assembly of the KMA 26 MUST be done at a static-safe workstation. Removed modules should be placed in static-safe bags when not installed in the unit.

2. Remove the Top Board by removing the six screws securing it in place and lifting the board straight up. Fold the board up and over the faceplate.

3. Refer to Figure 1 to locate the Power Module DCDC1.

4. Refer to Figure 2. Turn the unit over, and locate the seven leads of the Power Module that are soldered on the underneath side of the Bottom Board. Desolder these leads and remove the Power Module.

5. Install the new Power Module, P/N 005-03248-0137 (Baker P/N 230-0012-020), soldering the seven leads on the underneath side of the Bottom Board.

6. Reassemble the unit by reversing the disassembly procedure.

IDENTIFICATION PROCEDURE

Cut out the number 5 on the modification section of the Unit Serial Tag to indicate that Mod 5 is complete.

TESTING PROCEDURE

Complete a functional test of the unit according to Service Aid KMA 26-101, P/N 601-10140-001X.

MATERIAL INFORMATION

The part needed to modify one KMA 26 according to this service bulletin is listed below:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>005-03248-0137</td>
<td>1</td>
<td>Power Module DCDC1</td>
</tr>
</tbody>
</table>

Date: Mar/03

P/N: 600-10140-0050
Figure 1
Top Side of the Bottom Board