TITLE
FLOORBOARD BULKHEAD RIVET INSPECTION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>17281260 thru 17281265</td>
</tr>
<tr>
<td>172S</td>
<td>172S9975 thru 172S10038</td>
</tr>
</tbody>
</table>

REASON
It has been determined that some airplanes may have been delivered with up to 4 rivets missing from the floorboard between the crew seats at the FS 56.70 bulkhead.

DESCRIPTION
The floorboard shall be inspected to make sure that the 4 specified rivets are installed. If necessary, the rivets shall be installed as described in this Service Bulletin. Non-compliance with this Service Bulletin could result in less than the designed structural integrity of this area.

COMPLIANCE
Mandatory: shall be accomplished within the next 100 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.

MANPOWER
0.6 man-hour for the inspection
If necessary, 0.3 man-hour to install the 4 rivets
REFERENCES


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 or Instructions for continued airworthiness and must be accomplished for ongoing airworthiness compliance as required per 14 CFR Part 43.13.

OTHER PUBLICATIONS AFFECTED

Model 172R & Model 172S Illustrated Parts Catalog

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

MATERIAL PRICE AND AVAILABILITY

The parts below are available from Cessna Parts Distribution through an appropriate Cessna Service Station for the suggested list price shown.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty/Airplane</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2906-5-3</td>
<td>Rivet</td>
<td>4 (if required)</td>
<td>$ 1.61 (PS) ea MQ 25</td>
</tr>
<tr>
<td>U074093</td>
<td>Alodine 1132 Marker</td>
<td>(as required)</td>
<td>$ 140.00 (VR) ea</td>
</tr>
<tr>
<td>K000912</td>
<td>Corrosion Resistant Primer (1.5 gal kit)</td>
<td>(as required)</td>
<td>$ 312.00 (VS) ea</td>
</tr>
<tr>
<td>EC1300LP</td>
<td>Adhesive (1 Pint Can)</td>
<td>(as required)</td>
<td>$ 16.00 (N) pt</td>
</tr>
</tbody>
</table>

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CREDIT INFORMATION

Freight will be credited at the most economical method unless pre-approved by Cessna. For pre-approval contact Cessna Parts Distribution Warranty Administration at Telephone: 316-831-4296, Fax: 316-206-2746 or E-mail: cpd2claims@cessna.textron.com.

A labor allowance credit of 0.6 man-hour per airplane will be provided to inspect for installation of the 4 rivets. If necessary, a miscellaneous parts credit of $ 53.00 and a labor allowance credit of 0.3 man-hour per airplane will be provided to install the 4 rivets as described in this Service Bulletin.

To receive credit, the work must be completed and a Warranty Claim submitted by a Cessna Single Engine Service Station within 30 calendar days of Service Bulletin compliance before the credit expiration dates shown below.

<table>
<thead>
<tr>
<th></th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>December 19, 2006</td>
</tr>
<tr>
<td>International</td>
<td>December 19, 2006</td>
</tr>
</tbody>
</table>
ACCOMPLISHMENT INSTRUCTIONS

Weight And Balance Information

WEIGHT CHANGE . . . . Negligible

Material Information
The part below may be necessary:

<table>
<thead>
<tr>
<th>NEW P/N</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>OLD P/N</th>
<th>DISPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2906-5-3</td>
<td>4 (if required)</td>
<td>Rivet</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

The materials, or equivalent, listed in this table may be necessary.

<table>
<thead>
<tr>
<th>NAME</th>
<th>NUMBER</th>
<th>MANUFACTURER</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alodine 1132 Marker</td>
<td>U074093 (or equivalent)</td>
<td>Cessna Aircraft Company Cessna Parts Distribution 5800 East Pawnee PO Box 1521 Wichita, KS 67218 USA</td>
<td>To apply to bare metal.</td>
</tr>
<tr>
<td>Corrosion Resistant Primer</td>
<td>K000912</td>
<td>Cessna Aircraft Company Cessna Parts Distribution 5800 East Pawnee PO Box 1521 Wichita, KS 67218 USA</td>
<td>To apply to bare metal.</td>
</tr>
<tr>
<td>Adhesive (1 Pint Can)</td>
<td>EC1300LP</td>
<td>Cessna Aircraft Company Cessna Parts Distribution 5800 East Pawnee PO Box 1521 Wichita, KS 67218 USA</td>
<td>To install the Velcro to the floorboard.</td>
</tr>
</tbody>
</table>

Instructions
1. Prepare the airplane for maintenance.
   A. Make sure that all switches are in the OFF/NORM position.
   B. Disconnect electrical power from the airplane.
      (1) Disconnect the airplane battery.
      (2) Disconnect external electrical power.
   C. Attach maintenance warning tags to the battery and external power receptacle that have "DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS" written on them.
2. Remove the carpet as necessary. (Refer to the Model 172 Series 1996 and On Maintenance Manual, Chapter 25, Interior Upholstery - Maintenance Practices.)
3. Remove and keep the Velcro from the floorboard as necessary.
4. (Refer to Figure 1, Detail A.) Do an inspection to make sure that the four rivets are installed in the locations shown.
   NOTE: The nominal distance between rivets in this area is 1.31 inches. If there is a missing rivet, the distance between the remaining rivets will be more than two inches and easily seen during the inspection.
   A. If all four of the rivets are installed, go to Step 7.
B. If one or more of the rivets are not installed and the distance between any two rivets is more than two inches, go to Step 5.

5. Put a mark at each location where a rivet is to be installed.
   A. On the forward bulkhead flange, put the mark(s) an equal distance between the inboard seat rail mount bolt and the adjacent installed rivet in the row.
   B. On the aft bulkhead flange, put the mark(s) an equal distance between the first rivet from the centerline rivet and the second rivet from the centerline rivet.
   C. Inspect the lower flange to make sure that the centerline of the new hole will be no less than 0.24 inch from the edge of the bulkhead.

6. Install each rivet that is not installed.
   A. Drill a Number 21 (0.159-inch diameter) hole at each location where a rivet is to be installed.
   B. Deburr the hole and apply Alodine 1132 and primer to the hole as necessary.
   C. Install an S2906-5-3 Rivet in the hole.

7. With the EC1300LP Adhesive, install Velcro to the floorboard as necessary.

8. Attach the carpet to the floor as necessary. (Refer to the Model 172 Series 1996 and On Maintenance Manual, Chapter 25, Interior Upholstery - Maintenance Practices.)


10. Make an entry in the airplane logbook that states compliance and method of compliance with this Service Bulletin.
Figure 1. Bulkhead Rivet Inspection (Sheet 1)

Looking Down on Floorboards

0510814 Floorboard (Reference)
0511479 Floorboard (Reference)
Forward Bulkhead Flange (Reference)
Aft Bulkhead Flange (Reference)
Centerline
Number 21 (0.159-inch diameter) hole S2906-5-3 Rivet (As Required)
Crew Seat Rail (Reference)

Legend
○ Possible Missing Rivet Location
OWNER NOTIFICATION

On December 19, 2005 the following message will be sent to applicable owners of record in SB05-53-03A.

Dear Cessna Owner:

This Owner Advisory is to inform you that it has been determined that some airplanes may have been delivered with up to 4 rivets missing from the floorboard between the crew seats at the FS 56.70 bulkhead.

The floorboard shall be inspected to make sure that the 4 specified rivets are installed. If necessary, the rivets shall be installed as described in SB05-53-03. Non-compliance with SB05-53-03 could result in less than the designed structural integrity of this area.

Compliance is Mandatory: shall be accomplished within the next 100 hours of operation or 12 months, whichever occurs first.

The information contained in the referenced Cessna Service Bulletin shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for continued airworthiness, and must be accomplished for ongoing airworthiness compliance as required per 14 CFR Part 43.13.

A labor allowance credit of 0.6 man-hour per airplane will be provided to inspect for installation of the 4 rivets. If necessary, a miscellaneous parts credit of $ 53.00 and a labor allowance credit of 0.3 man-hour per airplane will be provided to install the 4 rivets as described in SB05-53-03.

To receive credit, the work must be completed and a Warranty Claim submitted by a Cessna Single Engine Service Station within 30 calendar days of Service Bulletin compliance before the credit expiration dates shown below.

<table>
<thead>
<tr>
<th>Domestic</th>
<th>December 19, 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>December 19, 2006</td>
</tr>
</tbody>
</table>

Please contact a Cessna Single Engine Service Station for detailed information and arrange to have Cessna Service Bulletin SB05-53-03 accomplished on your airplane.