TITLE

PASSENGER BENCH SEAT BOLT INSTALLATION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>17280001 thru 17281215</td>
</tr>
<tr>
<td>172S</td>
<td>172S8001 thru 172S9636</td>
</tr>
</tbody>
</table>

REASON

It has been determined that some airplanes may have been delivered without two required bolts for the passenger bench seat.

DESCRIPTION

The passenger bench seat shall be inspected and if necessary, the specified bolts 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 the passenger bench seat assembly.

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

Bolt inspection time is negligible when accomplishing during a scheduled inspection.

If necessary, 0.6 man-hour to install the bolts

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 and 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>AN6-15A</td>
<td>Bolt</td>
<td>2 (if required)</td>
<td>$ 1.57 (PS) ea MQ 10</td>
</tr>
<tr>
<td>MS21043-6</td>
<td>Nut</td>
<td>2 (if required)</td>
<td>$ 3.73 (PS) ea</td>
</tr>
<tr>
<td>NAS1149F0663P</td>
<td>Washer</td>
<td>2 (if required)</td>
<td>$ 0.07 (PS) ea MQ 100</td>
</tr>
</tbody>
</table>

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CREDIT INFORMATION

If necessary, a miscellaneous parts credit of $11.00 and a labor allowance credit of 0.6 man-hour per airplane will be provided to install the specified bolts 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>Domestic</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 19, 2005</td>
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</tr>
</tbody>
</table>
ACCOMPLISHMENT INSTRUCTIONS

Weight And Balance Information

MODEL .................... 172R/172S
WEIGHT CHANGE .............. +0.2 Pound
ARM ........................ 65.2
Resultant Moment ............ 13 Inch Pounds
Moment/1000 .................. 0.013 Inch Pounds

Material Information
The parts 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>AN6-15A</td>
<td>2</td>
<td>Bolt</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>MS21043-6</td>
<td>2</td>
<td>Nut</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>NAS1149F0663P</td>
<td>2</td>
<td>Washer</td>
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<td>None</td>
</tr>
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</table>

Instructions
1. Electrically ground the airplane and turn all switches to the "OFF" position.
2. Open the baggage door to get to the back of the passenger bench seat.
3. (Refer to Figure 1.) Inspect the passenger bench seat and determine if the bolts, washers and nuts are installed as required.
   A. If the required bolts, washers and nuts are installed, go to Step 5.
   B. If the required bolts, washers and nuts are not installed, go to Step 4.
4. (Refer to Figure 1.) Install and torque one each AN6-15A Bolt, NAS1149F0663P Washer and a MS21043-6 Nut through the predrilled hole in each side of the diagonal brace located on the aft lower seat frame and through each of the seat legs. Install the bolt heads to the aft side of the seat frame. Torque the nut 95 to 110 inch pounds.
   NOTE: If the bolts do not easily slide through the holes, it is permissible to enlarge the holes with a Number W (0.386 inch diameter) drill bit.
5. Close the baggage door.
6. Make an entry in the airplane logbook that states compliance with this Service Bulletin.
NOTE: INSTALL BOLT AND PUT WASHER UNDER NUT.

Figure 1. Bench Seat Bolt Installation (Sheet 1)
OWNER NOTIFICATION

On July 19, 2004 the following message will be sent to applicable owners of record in SB04-25-03A.

Dear Cessna Owner:

This Owner Advisory is to inform you that it has been determined that some airplanes may have been delivered without two required bolts for the passenger bench seat.

The passenger bench seat shall be inspected and if necessary, the specified bolts shall be installed as described in Service Bulletin SB04-25-03. Non-compliance with Service Bulletin SB04-25-03 could result in less than the designed structural integrity of the passenger bench seat assembly.

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.

If necessary, a miscellaneous parts credit of $11.00 and a labor allowance credit of 0.6 man-hour per airplane will be provided to install the specified bolts as described in Service Bulletin SB04-25-03.

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Please contact a Cessna Single Engine Service Station for detailed information and arrange to have Cessna Service Bulletin SB04-25-03 accomplished on your airplane.