TITLE

UPPER WING SKIN MODIFICATION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>17280001 thru 17281243</td>
</tr>
<tr>
<td>172S</td>
<td>172S8001 thru 172S9832</td>
</tr>
</tbody>
</table>

DESCRIPTION

This modification kit provides instructions and parts to install a wing skin stiffener in the trailing edge structure.

APPROVAL

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

REFERENCE

SB06-57-01

CHANGE IN WEIGHT AND BALANCE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>172</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEIGHT CHANGE</td>
<td>0.1 pounds</td>
</tr>
<tr>
<td>ARM</td>
<td>66.3 inches</td>
</tr>
<tr>
<td>RESULTANT MOMENT</td>
<td>6.63 inch-pounds</td>
</tr>
<tr>
<td>MOMENT/1000</td>
<td>0.00663 inch-pounds</td>
</tr>
</tbody>
</table>

November 6, 2006
MATERIAL INFORMATION

NOTE: The following parts cover installation for one airplane.

<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>MK172-57-04</td>
<td>1</td>
<td>Kit, consisting of the following parts:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CR3213-4-2</td>
<td>8</td>
<td>Rivet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS20470AD3-3A5</td>
<td>6</td>
<td>Rivet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS20470AD3-6A5</td>
<td>2</td>
<td>Rivet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0592100-1</td>
<td>1</td>
<td>Stiffener Left</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0592100-2</td>
<td>1</td>
<td>Stiffener (right)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MK172-57-04</td>
<td>1</td>
<td>Instructions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACCOMPLISHMENT 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 access panel 610WB left (510WB right). (Refer to the Maintenance Manual, Chapter 6, Access/Inspection Plates - Description Operation.)

3. Install the wing skin stiffener.
   A. (Refer to Figure 1, View A-A.) Put the 0592100-1 Left Stiffener in position between the 0523095 Upper Skin and 0522644 Lower Skin.
      NOTE: There may be sound dampening material where you need to put the 0592100-1 Stiffener. Move the sound dampening material as necessary to install the 0592100-1 Stiffener.
   B. Make marks for the hole locations on the 0592100-1 Left Stiffener.
   C. Drill four Number 40 (0.098-inch diameter) holes and two Number 30 (0.128-inch diameter) holes through the 0592100-1 Left Stiffener and the upper wing skin. Deburr the holes and apply Alodine.
   D. Drill two Number 30 (0.128-inch diameter) holes through the 0592100-1 Left Stiffener on the lower wing skin. Deburr the holes and apply Alodine.
   E. (Refer to Figure 1, View A-A and View B-B.) Install one MS20470AD3-6A5 Rivet in the forward hole, three MS20470AD3-3A5 Rivets in the middle three holes, and two CR3213-4-2 Rivets in the aft hole of the 0592100-1 Left Stiffener and the upper wing skin.
   F. (Refer to Figure 1, View A-A and View B-B.) Install two CR3213-4-2 Rivets in the two aft holes of the 0592100-1 Left Stiffener and the lower wing skin.

4. Install access panel 610WB left (510WB right). (Refer to the Maintenance Manual, Chapter 6, Access/Inspection Plates - Description Operation.)

5. Do Steps 2 through 4 to install the 0592100-2 Right Stiffener.

6. Do a touch-up of the paint as necessary.

7. Remove the maintenance warning tags and connect the airplane battery.

8. Make an entry in the airplane logbook stating that this Modification Kit has been installed.
Figure 1. Stiffener Installation (Sheet 2)
Single Engine

Service Bulletin

November 6, 2006

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</tbody>
</table>

REASON

To announce the availability of a modification kit to install a wing skin stiffener in the trailing edge structure of each wing. The stiffeners are designed to reduce the potential for the development of cracks in the upper wing skin.

DESCRIPTION

The modification kit provides instructions and parts to install a wing skin stiffener in the trailing edge structure.

COMPLIANCE

Optional: may be accomplished if desired.

APPROVAL

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

MANPOWER

Approximately 3.0 man-hours

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.
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>MK172-57-04</td>
<td>Upper Wing Skin Modification Kit</td>
<td>1</td>
<td>$211.00 (A) ea</td>
</tr>
</tbody>
</table>

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CREDIT INFORMATION

Not applicable

ACCOMPLISHMENT INSTRUCTIONS

Modification Kit MK172-57-04: Upper Wing Skin Modification instructions are attached.

OWNER NOTIFICATION

On November 20, 2006 the following message will be sent to applicable owners of record in SB06-57-01A.

Dear Cessna Owner:

This Owner Advisory is to inform you that Service Bulletin SB06-57-01 has been issued to announce that a modification kit is available to install a wing skin stiffener in the trailing edge structure of each wing. The stiffeners are designed to reduce the potential for the development of cracks in the upper wing skin.

Compliance is optional; may be accomplished if desired.

The information contained in the referenced Cessna Service Bulletin shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual.

Please contact a Cessna Single Engine Service Station for detailed information and if desired, arrange to have Cessna Service Bulletin SB06-57-01 accomplished on your airplane.