Single Engine

Service Bulletin

January 11, 2010

SB10-25-01

TITLE

AMSAFE AVIATION INFLATABLE RESTRAINT CONNECTOR COVER INSTALLATION

EFFECTIVITY

The following airplanes equipped with AmSafe Aviation Inflatable Restraints.

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>172R</td>
<td>17280001 thru 17281537</td>
</tr>
<tr>
<td>172S</td>
<td>172S8001 thru 172S10768</td>
</tr>
<tr>
<td>182S</td>
<td>18280001 thru 18280944</td>
</tr>
<tr>
<td>182T</td>
<td>18280945 thru 18282121</td>
</tr>
<tr>
<td>T182T</td>
<td>T18208001 thru T18208884</td>
</tr>
<tr>
<td>206H</td>
<td>20608001 thru 20608311</td>
</tr>
<tr>
<td>T206H</td>
<td>T20608002 thru T20608863</td>
</tr>
</tbody>
</table>

REASON

To transmit AmSafe Service Letter 23-005.

DESCRIPTION

AmSafe has received information that the slider assembly (load bar) and webbing can be pulled out of the connector tongue. If a connector cover is not installed on the inflatable restraint, a 509016-11 Connector Cover must be installed. The 509016-11 Connector Cover will assist in limiting the ability to tamper with the connector and remove the slider assembly.

COMPLIANCE

Recommended: should be accomplished within the next 100 hours of operation or 12 months (annual inspection), whichever occurs first.

APPROVAL

Refer to the attached AmSafe Service Letter 23-005 (or latest revision).
MANPOWER

Approximately 0.1 man-hour when accomplished during a scheduled 100 hour/12 month (annual) type inspection.

REFERENCES


NOTE: Make sure all publications used are complete and current. Refer to CessnaSupport.com.

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 & 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. Refer to CessnaSupport.com.

MATERIAL AVAILABILITY

The following part is available from Cessna Parts Distribution through an appropriate Cessna Service Station.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty/Airplane</th>
</tr>
</thead>
<tbody>
<tr>
<td>509016-11</td>
<td>Connector Cover</td>
<td>(as required)</td>
</tr>
</tbody>
</table>

CREDIT INFORMATION

For airplanes in warranty:

If necessary, applicable connector cover parts credit will be provided.

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.

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.

Domestic ........................ January 11, 2011
International .................... January 11, 2011
ACCOMPLISHMENT INSTRUCTIONS

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>509016-11</td>
<td>(as required)</td>
<td>Connector Cover</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Instructions

1. Do the attached AmSafe Service Letter 23-005 (or latest revision).
2. Make an entry in the airplane logbook that states compliance with this Service Bulletin and AmSafe Service Letter 23-005 (or latest revision).

OWNER NOTIFICATION

On January 25, 2010 the following message will be sent to applicable owners of record in SB10-25-01A.

Dear Cessna Owner:

This Owner Advisory is to inform you that Service Bulletin SB10-25-01 AmSafe Aviation Inflatable Restraint Connector Cover Installation has been issued. This Service Bulletin is applicable to your airplane if it is equipped with AmSafe Aviation Inflatable Restraints.

AmSafe has received information that the slider assembly (load bar) and webbing can be pulled out of the connector tongue. If a connector cover is not installed on the inflatable restraint, a 509016-11 Connector Cover must be installed. The 509016-11 Connector Cover will assist in limiting the ability to tamper with the connector and remove the slider assembly.

Compliance is recommended and should be accomplished within the next 100 hours of operation or 12 months (annual inspection), 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 and should be accomplished within the specified time requirement.

For airplanes in warranty:

If necessary, applicable connector cover parts credit will be provided.

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>January 11, 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>January 11, 2011</td>
</tr>
</tbody>
</table>

Please contact a Cessna Single Engine Service Station for detailed information and arrange to have Cessna Service Bulletin SB10-25-01 accomplished on your airplane.

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SERVICE LETTER 23-005

Subject:
Connector Cover, P/N 509016-11, is available for installation on AAIR V23 System, Seatbelt Airbag Assemblies. The covers will be installed for all future shipments for Cessna Production and are being made available for retrofit on previous AAIR installations.

Applicability:
Cessna Models 172, 182, 206 aircraft equipped with AmSafe Aviation AAIR V23 Systems.

Background:
It was reported to AmSafe that the Slider Assembly (load bar) and webbing can be pulled out of the Connector Tongue. The Slider Assembly can only be removed if the seatbelt is not in use. Installation of the Connector Cover, P/N 509016-11, will limit the ability to tamper with the connector and remove the Slider Assembly as well as improve the cosmetic appearance of the connector assembly.

Required Operator Action:
Install Connector covers P/N 509016-11, identifiable by part number marking on underside of cover (509016-11).

The covers snap onto and off of the connector of the Seatbelt Airbag Assemblies. Press the cover firmly onto the connector until it clicks into place at all four corners.

Disposition of Removed Parts:
N/A

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Approved By: 
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Quality Manager 

Date: 6/4/08

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Engineering Manager