TITLE
AMSAFE INFLATABLE RESTRAINTS HOSE PLUG INSPECTION

EFFECTIVITY

Group A airplanes:
The following airplanes were delivered from the factory equipped with AmSafe Aviation Inflatable Restraints (AAIR®).

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Group B airplanes:
The following airplanes on which the AmSafe Aviation Inflatable Restraints (AAIR®) have been installed in accordance with a Cessna Service Bulletin/Modification Kit.

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REASON

It has been determined that some airplanes may have a hose plug installed in the inflatable belt assembly hose end.

To obtain satisfactory results, procedures specified in this publication must be accomplished in accordance with accepted methods and prevailing government regulations. Cessna Aircraft Company cannot be responsible for the quality of work performed in accomplishing the requirements of this publication.
DESCRIPTION

The inflatable belt assembly hose end shall be inspected as described in this Service Bulletin. Non-compliance with this Service Bulletin could allow the inflatable belt assembly hose end to be plugged.

COMPLIANCE

Mandatory: shall be accomplished at the next scheduled airplane inspection, not to exceed 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

The man-hours listed below are based on the work being accomplished during a scheduled inspection.

Determine if affected restraints are installed: negligible when accomplished during a scheduled inspection.

If it is determined that an affected restraint is installed, inflatable belt assembly hose end inspection: 0.2 man-hour per seat.

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
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

Not applicable
CREDIT INFORMATION

If necessary, a labor allowance credit of 0.2 man-hour per seat will be provided to inspect the Inflatable belt assembly hose end only on affected installations.

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.

NOTE: For Group B airplanes: A copy of the logbook entry showing installation of the AmSafe Aviation Inflatable Restraints in accordance with a Cessna Service Bulletin/Modification Kit must be included with the Warranty Claim.

<table>
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<th>Domestic</th>
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ACCOMPLISHMENT INSTRUCTIONS

Weight And Balance Information

Negligible

Instructions

1. See if a suspect AmSafe inflatable restraint is installed. Review applicable airplane paperwork such as logbooks and/or work orders and sales/shipping receipts or do a visual inspection of the AmSafe inflatable restraints.

   A. If one or more of the part numbers that follow are installed, go to Step 2.

      • 508822-201-XXXX Seat Restraint Installation - Pilot/Copilot (172R/172S and 182S/182T/T182T)
      • 508822-202-XXXX Seat Restraint Installation - Passenger (172R/172S, 182S/182T/T182T, and Passenger Bench Seats 5 and 6 only on 206H/T206H)
      • 508822-203-XXXX Seat Restraint Installation - Pilot/Copilot and Center Seats 3 and 4 (206H/T206H)
      • 508822-204-XXXX Seat Restraint Installation - Pilot/Copilot (206H/T206H)
      • 508822-205-XXXX Seat Restraint Installation - Center Seats 3 and 4 only (206H/T206H)

      NOTE: XXXX is used to represent the numbers for the colors of the webbing. All inflatable seat restraints with a part number in the above list are suspect and must be examined.

   B. If there are no seat restraints installed that are listed in Step 1.A., go to Step 8.

2. 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.
WARNING: DO NOT DO MAINTENANCE WITH THE SEAT BELTS BUCKLED WHEN THE AIRPLANE HAS AMSAFE INFLATABLE RESTRAINTS. DAMAGE CAN OCCUR TO THE SYSTEM AND AN ACCIDENTAL DEPLOYMENT OF THE SYSTEM CAN CAUSE INJURY.

WARNING: ALWAYS REFER TO AMSAFE SMM (SUPPLEMENTAL MAINTENANCE MANUAL) E508804 FOR SAFETY INSTRUCTIONS WHEN YOU DO WORK ON THE AMSAFE INFLATABLE RESTRAINT SYSTEM.

3. Disarm the AmSafe inflatable restraints. (Refer to the applicable airplane maintenance manual, Chapter 25, Inflatable Restraint System - Maintenance Practices.)

4. (Refer to Figure 1, View A-A and View B-B.) Do an inspection to make sure that a red hose plug is not installed as follows:
   A. At each seat with an AmSafe inflatable restraint installed, disconnect the end of the inflator belt assembly hose from the inflator bottle. (Refer to the applicable airplane maintenance manual, Chapter 25, Inflatable Restraint System - Maintenance Practices.)
   
   NOTE: It is not necessary to remove the seat to do this inspection.

   B. With a flashlight, look at the end of the inflator belt assembly hose and at the inflator bottle to see if there is a red hose plug or other blockage or debris.

   C. If you find a red hose plug or other blockage or debris, remove it.

   D. Connect the end of the inflator belt assembly hose to the inflator bottle.

5. Arm the AmSafe inflatable restraints. (Refer to the applicable airplane maintenance manual, Chapter 25, Inflatable Restraint System - Maintenance Practices.)

6. Do an operational check of the seat belt system. (Refer to the AmSafe Supplemental Maintenance Manual, part number E508804.)

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

8. Make an entry in the airplane logbook that states compliance and method of compliance with this Service Bulletin.
Figure 1. AmSafe Inflatable Restraints Hose Plug Inspection (Sheet 1)

NOTE: Disconnect here for inspection.

DETAIL A
Model 206 Crew Seat Shown
172 and 182 Crew Seats and 206
Numbers 3 and 4 Seats Similar
Figure 1. AmSafe Inflatable Restraints Hose Plug Inspection (Sheet 2)
OWNER NOTIFICATION

On November 19, 2007 the following message will be sent to applicable owners of record in SB07-25-05A.

Dear Cessna Owner:

This Owner Advisory is to inform you that Service Bulletin SB07-25-05: AmSafe Inflatable Restraints Hose Plug Inspection has been issued.

It has been determined that some airplanes may have a hose plug installed in the inflatable belt assembly hose end. The inflatable belt assembly hose end shall be inspected as described in SB07-25-05:. Non-compliance with SB07-25-05: could allow the inflatable belt assembly hose end to be plugged.

Your airplane may be affected as shown below:

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|         | Domestic          | November 19, 2008 | International | November 19, 2008 |

Please contact a Cessna Single Engine Service Station for detailed information and arrange to have Cessna Service Bulletin SB07-25-05 accomplished on your airplane.

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