

Service Bulletin No: 25-013

Ref No: 089

Modification No: ECN-98-0312, EC-13-0359

ATA Chapter: 25

**EQUIPMENT AND FURNISHINGS - CABIN UNDERFLOOR  
INSULATION AND DRAINAGE****1. Planning Information****A. Effectivity**

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 250.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 251 and subsequent.

**B. Concurrent Requirements**

The Service Bulletin that follows can be incorporated at the same time:

SB 21-002 REVISED DUCTING FOR THE AUXILIARY HEATING SYSTEM AIR DISTRIBUTION

**C. Reason**

- (1) Problem:

The thermal and acoustic insulation in the underfloor area of the fuselage can collect and keep condensation in some conditions. This can cause a minor increase in the aircraft's weight and have an effect on the thermal insulation.

- (2) Cause:

The drain holes and rubber drain valves that are currently installed can limit the drainage in the underfloor area. In some conditions, the insulation soaks up the moisture that collects in the underfloor area.

- (3) Solution:

The drain holes in the stringers and frames are made larger and some new drain holes are drilled. The installed drain valves are replaced with better ones. The insulation mats are removed and new ones are installed that do not touch the aircraft's skin and are less susceptible to water contamination.

**D. Description**

This Service Bulletin modifies the drain holes and the drain valves and more drain holes are added. New insulation is also installed in the underfloor area of the passenger compartment.

Revision 1 of this Service Bulletin changes the instructions given in Section 3 Para C, Steps (13) thru (15) and Section 3, Para D, Step (1).

Revision 2 of this Service Bulletin updates part numbers which have been superseded, and updates the layout to the latest format. Aircraft which have already had this Service Bulletin accomplished do not need further rework.

Revision 3 of this Service Bulletin updates part numbers which have been superseded and adds a new material kit part number. Aircraft which have already had this Service Bulletin accomplished do not need further rework.

**E. Compliance**

Recommended.

**NOTE:** It is recommended that the Service Bulletin that follows is also incorporated:

SB 25-012 - EQUIPMENT AND FURNISHINGS - PASSENGER CABIN - INSTALLATION OF NEW INSULATION

**F. Approval**

The technical content of this document is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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**H. Manpower**

<b>Task</b>	<b>Man-hours</b>
Preparation	8.00
Modification	16.00
Close up	10.00
<b>TOTAL MAN-HOURS</b>	<b>34.00</b>

**I. Weight and Balance****(1) Weight Change**

+1.8 kg (3.95 lb)

**(2) Moment Change**

None.

**J. Electrical load Data**

None.

**K. Software**

None.

**L. References**

Aircraft Maintenance Manual (AMM)

12-A-06-20-00-00A-040A-A	12-A-20-31-00-00A-070A-A	12-A-21-40-09-00A-920A-A
12-A-24-00-00-00A-901A-A	12-A-24-30-07-00A-920A-A	12-A-25-10-01-00A-920A-A
12-A-25-21-01-00A-920A-A	12-A-25-21-04-00A-920A-A	12-A-25-21-05-00A-920A-A
12-A-25-21-06-00A-920A-A	12-A-25-21-07-00A-920A-A	12-A-25-22-01-00A-920A-A
12-A-25-22-04-00A-920A-A	12-A-27-23-01-00A-920A-A	12-A-27-50-05-00A-920A-A
12-A-33-10-04-00A-920A-A		

Publications Affected:

Illustrated Parts Catalog (IPC).

**M. Interchangeability of Parts**

Pre and Post SB parts are not interchangeable.

**2. Material Information****A. Material - Price and Availability**

Pilatus advise that the standard lead times for parts may be up to 4 weeks.

If you want more information about this modification, contact your approved Service Center or:

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