

Service Bulletin No: 24-028

Ref No: 274

Modification No: EC-10-0605, EC-11-0090

ATA Chapter: 24

**ELECTRICAL POWER - DC GENERATION
INSTALLATION OF WATER PROTECTION FOR ELECTRICAL EQUIPMENT PANEL ON FRAME 10****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1282.

MSN 1283 and up will have this modification incorporated at production.

B. Concurrent Requirements

None.

C. Reason

(1) Problem:

Customers have reported that the generator equipment panel on the forward face of frame 10 can be affected by water.

(2) Solution:

Protect the generator equipment panels on frame 10 by:

- installing a strap on the upper engine mount covers
- replacing the covers over the generator equipment panels
- installing soft covers over the generator line contactors (installed on MSN 1262 and up at production)
- re-routing the electrical looms to the generator equipment panels.

D. Description

This Service Bulletin gives the data and instructions necessary to protect the generator equipment panel and other equipment from water.

E. Compliance

Recommended.

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 local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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H. Manpower:

Task	Man-hours
Preparation	0.5
Modification	3.0
Close up	0.5
TOTAL MAN-HOURS	4.0

NOTE: The manhours above do not include the cure time for sealants or paint.

I. Weight and Balance:

- (1) Weight Change
+ 0,135 kg (+0.298 lb)
- (2) Moment Change
+0,382 kg-m (+33.166 lb-in)

J. Electrical load Data:

Not affected.

K. Software:

Not affected.

L. References:

Aircraft Maintenance Manual (AMM)

12-B-06-20-00-00A-040A-A 12-B-20-31-00-00A-070A-A
12-B-24-00-00-00A-901A-A

M. Publications Affected:

Illustrated Parts Catalog (IPC).
Aircraft Maintenance Manual (AMM).

N. Interchangeability of Parts:

Not applicable.

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

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

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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

B. Material Necessary:

NOTE: Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the Modification Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.