

Service Bulletin No: 24-030

Ref No: 285

Modification No: EC-11-0523

ATA Chapter: 24

**ELECTRICAL POWER - DISTRIBUTION
RE-ROUTING AND PROTECTION OF WIRE LOOMS IN THE WING ROOT FAIRING****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545 and 1001 thru 1310, except MSN 1269, 1286, 1290, 1291, 1292, 1298, 1300, 1301, 1305, 1308 and 1309.

This modification is incorporated on MSN 1269, 1286, 1290, 1291, 1292, 1298, 1300, 1301, 1305, 1308 and 1309 and will be incorporated at build on MSN 1311 and up.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

Chafed wiring at the left and right wing root area has been reported on in-service aircraft

(2) Cause

Wire routing in the wing root area.

(3) Solution

Re-route the wiring cable bundle in the wing root area and protect it with a chafe guard.

D. Description

This Service Bulletin gives the data and instructions necessary to re-route the LH and RH wing root wiring cable bundles and to apply a chafe guard in the LH wing root area.

This Service Bulletin is recommended to be accomplished at the next annual inspection.

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 designated 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	1.0
Close up	0.5
TOTAL MAN-HOURS	2.0

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

None

(2) Moment Change

None

J. Electrical load Data:

None.

K. Software:

None.

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:

Not applicable.

N. Interchangeability of Parts:

Not applicable.

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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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. Warranty

Credit will be issued for all affected aircraft on approval of a warranty claim, provided the work is accomplished by an authorized Service Center within 12 months from the issue date of this Service Bulletin.

C. 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.

(1) Parts required: