

Service Bulletin No: 24-040

Ref No: 346

Modification No: -

ATA Chapter: 24

**ELECTRICAL POWER - EXTERNAL POWER
BATTERY AND EXTERNAL POWER JUNCTION BOX - CHECK OF CB LUG INCLINATION****1. Planning Information****A. Effectivity**

PC-12/47E series aircraft MSN 545, 1001 thru 1547, 1549 thru 1557 with a Battery and External Power Junction Box (BEPJB) Pilatus P/N 974.03.38.142 with serial numbers 625 thru 796 installed.

This modification will be embodied on aircraft MSN 1548 and 1558 and up during production.

B. Concurrent Requirements

None.

C. Reason

A short-circuit can occur in the BEPJB between the circuit breaker CB06 (ELT-NAV/CLOCK) and the internal sub-D bracket. An incorrect alignment of the CB06 lug can cause internal damage.

D. Description

This Service Bulletin gives the data and instructions necessary to inspect the circuit breaker CB06 in the BEPJB P/N 974.03.38.142 and if necessary, do a modification to improve the protection against a short circuit in conjunction with the Vendor Service Bulletin (Esterline Power Systems Service Bulletin Document No. 1171157) latest revision, which is available on:

www.pilatus-aircraft.com > Customer Support > Publications > PC-12 > Third Party Documents

E. Compliance

Recommended.

F. Approval

The technical content of this Service Bulletin 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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I. Manpower

Task	Man-hours
Preparation	0.5
Modification	0.5
Close up	0.5
TOTAL MAN-HOURS	1.5

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

None.

(2) Moment Change

None.

K. Electrical Load Data

None.

L. Software

None.

M. References

Aircraft Maintenance Manual (AMM)

12-B-06-20-00-00A-040A-A 12-B-24-00-00-00A-901A-A 12-B-24-30-07-00A-920A-A
12-B-24-30-07-00A-920B-A 12-B-24-40-01-00A-903A-A

Esterline Service Bulletin - Document No. 1171157 (latest revision).

N. Publications Affected

None.

O. 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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B. Warranty

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

NOTE: Operators who decide not to accomplish this Service Bulletin within the specific time period, will no longer receive warranty consideration for future BEPJB failures related to short-circuit as listed under paragraph 1.C.

C. Material Necessary

Refer to the Esterline Bat/Ext Power Junction Box Service Bulletin Document No. 1171157 (latest revision).

D. Operator Supplied Materials

Refer to Esterline Bat/Ext Power Junction Box Service Bulletin Document No. 1171157 (latest revision).

E. Tooling - Cost and Availability

None.