

**ELECTRICAL POWER - EXTERNAL POWER
INTRODUCTION OF BATTERY AND EXTERNAL POWER JUNCTION BOX P/N 974.03.38.142****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1180, with Battery and External Power Junction Box (BEPJB) P/N 974.03.38.141 or P/N 974.03.38.135.

Battery and External Power Junction Box (BEPJB) P/N 974.03.38.141 or P/N 974.03.38.135 held as spare.

B. Concurrent Requirements

None.

C. Reason

(1) Problem:

If the aircraft is parked for more than fifteen days, the batteries may discharge, unless the battery circuit breakers are opened on the BEPJB.

(2) Solution:

Install a new BEPJB P/N 974.03.38.142 that has different internal electrical circuits to prevent battery discharge, when the aircraft is parked, without needing to open the battery circuit breakers.

D. Description

This Service Bulletin gives the data and instructions necessary to install the BEPJB P/N 974.03.38.142.

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.

G. Manpower:

Task	Man-hours
Preparation	1.0
Modification	1.0
Close-Up	1.0
TOTAL MAN-HOURS	3.0

H. Weight and Balance:

(1) Weight Change

None

(2) **Moment Change**

None

I. Electrical load Data:

Not affected.

J. Software:

Not affected.

K. 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 12-B-24-40-01-00A-903A-A

12-B-24-40-01-00A-920A-A

L. Publications Affected:

AFM Temporary Revision No. 08, IPC.

M. Interchangeability of Parts:

One way interchangeable. BEPJB P/N 974.03.38.141 and P/N 974.03.38.135 must not be installed on Post Service Bulletin 24-025 aircraft.

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

Pilatus advise that the lead time for new units may be up to 7 months. The TAT for units returned to the vendor for upgrade is 30 days.

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

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel: 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: SupportPC12@pilatus.com.au

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.

C. 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
- the removed unit is returned to Pilatus and receipt is confirmed.

D. Operator Supplied Materials (Ref. AMM, 12-B-20-31-00-00A-070A-A):

None.

E. Material Necessary for Each Spare

Not applicable.

F. Re-identified Parts

Not applicable.

G. Tooling - Cost and Availability

None.