

Service Bulletin No: 31-013

Ref No: 275

Modification No: EC-10-0578

ATA Chapter: 31

**INDICATING / RECORDING SYSTEMS - INSTRUMENT AND CONTROL PANELS
REPLACEMENT OF THE OVERHEAD CONTROL PANEL BUS-TIE CIRCUIT BREAKER****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 1001-1322 fitted with overhead control panel P/N 972.81.21.153.

NOTE: MSN 1323 and up, will have this modification incorporated at production.

B. Concurrent Requirements

The Service Bulletin SB 31-009 (Overhead Panel Push Button Caps) must be completed prior to the embodiment of this SB.

C. Reason**(1) Problem**

Tripping of the Bus-Tie Circuit Breaker may cause damage to the LH Power Junction Box.

(2) Cause

Investigation has shown that the Bus-Tie Circuit Breaker may take too long to trip and therefore could cause the CB-Trip transistor, located in the LH Power Junction Box, to burn out.

(3) Solution

The Vendor has produced Service Bulletin 5844 109 SB1 which introduces a modified Bus-Tie Circuit Breaker with a shorter trip time.

D. Description

This Service Bulletin gives the instructions and data necessary to install the new Bus-Tie Circuit Breaker on the Overhead Control Panel (OCP). With the accomplishment of this SB, the OCP P/N changes from 972.81.21.153 to 972.81.21.155.

E. Compliance

Recommended, particularly if frequent tripping of the Bus-Tie Circuit Breaker has been experienced, and if a LH Power Junction Box with P/N 974.03.38.144 is installed.

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. Copyright

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H. Manpower

	Man-Hours
Preparation	0,5 hrs
Modification	1,5 hrs
Close up/test	1,0 hrs
TOTAL MAN-HOURS	3,0 hrs

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

Not affected.

(2) Moment Change

Not affected.

J. Electrical Load Data

Not changed.

K. Software

Not changed.

L. References

Comtronic Service Bulletin 5844 109 SB1

Aircraft Maintenance Manual (AMM):

12-B-20-31-00-00A-070A-A 12-B-31-10-00-00A-903A-A 12-B-31-10-00-00A-920A-A
12-B-71-00-00-00A-903D-A

M. Publications Affected

Vendor Component Maintenance Manual 5844 109.

N. Interchangeability of Parts

Not applicable.

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

Pilatus advise that the standard lead time for the parts may be up to 8 weeks.

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

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

General Aviation:
Tel: + 41 41 619 3333
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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 parts and labour 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.

NOTE: Operators who decide not to do this service bulletin within the specified time period, will no longer receive warranty consideration for any future LHPJB failures potentially associated to the tripping of the Bus-Tie Circuit Breaker.