

SERVICE BULLETIN

SERVICE BULLETIN NO: 30-010

REF NO: 207

MODIFICATION NO: EC-06-0426, EC-07-0287

ATA CHAPTER: 30

ICE AND RAIN PROTECTION - PROPELLER DEICE SYSTEM MODIFICATION TO THE OUTSIDE AIR TEMPERATURE (OAT) SYSTEM

1. Planning Information

A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft MSN 101 thru MSN 760. This modification will be incorporated in aircraft MSN 761 and subsequent.

B. Concurrent Requirements

None

C. Reason

(1) Problem

During the 100 hour inspection, the propeller de-ice system is tested. To do the test, the Outside Air Temperature (OAT) sensors are disconnected. The OAT sensors are disconnected at the splices XP111 and XP112.

(2) Cause

The disconnection requires the use of a removal tool. It is thought that this procedure, over time, has caused the failure of some OAT sensors.

(3) Solution

Replace the splices XP111 and XP112 with electrical connectors (J576, P576, J676 and P676) that can be disconnected and reconnected easily when you do the 100 hour inspection of the OAT system.

D. Description

This Service Bulletin gives the data and instructions necessary to replace:

- The contacts on the wires of the OAT sensors with electrical connectors (J576 and J676)
- The splices at the disconnection points XP111 and XP112 with electrical connectors (P576 and P676).

E. Compliance

Optional.

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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

	Total
Preparation	0.50
Replacement	1.00
Close up	1.00
TOTAL MAN-HOURS	2.50

NOTE: Man-hours figures do not include the time required to cure consumable materials.

H. Weight and Balance

(1) Weight Change

Negligible.

(2) Moment Change

Negligible.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM): 06-20-00, 30-60-00.

L. Publications Affected

AMM: 30-60-00.

Illustrated Parts Catalog (IPC): 30-60-00.

M. Interchangeability of Parts

Pre and Post-SB 30-010 parts are not interchangeable.

2. Material Information

A. Material - Price and Availability

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 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: info@pilatus.com.au

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