

Service Bulletin No: 30-014

Ref No: 375

Modification No: EC-15-0097, EC-18-0567

ATA Chapter: 30

ICE AND RAIN PROTECTION**AIRFOIL DE-ICE SYSTEM - INTRODUCTION OF A WIRING MODIFICATION TO SUPPORT REPLACEMENT OF A NEW AIRFOIL DE-ICE SYSTEM TIMER****1. Planning Information****A. Effectivity**

All PC-12, PC-12/45 and PC-12/47 Series aircraft MSN 101 thru 544 and MSN 546 thru 999.

B. Concurrent Requirements

None.

C. Reason**(1) Issue**

The de-ice system timer (P/N 959.89.01.014) is no longer procurable.

(2) Solution

Use this Service Bulletin to replace the existing de-ice system timer with an equivalent de-ice system timer (P/N 959.89.01.043). The equivalent timer requires modification of the de-ice system wiring.

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the existing de-ice system timer
- Modify the de-ice system wiring
- Install an equivalent de-ice system timer (P/N 959.89.01.043).

Revision 1 to this Service Bulletin:

- Corrects the length of one new wire
- Updates the modification instructions and illustration (Figure 5) for MSN 401 thru 544, MSN 546 thru 999 to use TB231-08 for some wire connections instead of TB231-04
- Updates the description of terminal block TB231-02.

Operators who have already successfully embodied this Service Bulletin do not need to do rework.

Revision 2 to this Service Bulletin:

- Updates the modification instructions and illustration (Figure 3) for MSN 101 thru 400, to prevent incorrect de-ice boot fault messages on the Central Advisory and Warning System.

Operators who have already successfully embodied this Service Bulletin do not need to do rework.

E. Compliance

Optional.

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 Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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H. Manpower

Task	SB only	During Annual Inspection
Preparation	1.00	1.00
Modification	10.00	6.00
Close up	1.50	1.50
TOTAL MAN-HOURS	12.50	8.50

I. Weight and Balance

No change.

J. Electrical Load Data

No change.

K. Software

None.

L. References

AMM:

12-A-20-31-00-00A-070A-A 12-A-24-00-00-00A-901A-A 12-A-25-21-01-00A-920A-A
12-A-25-21-04-00A-920A-A 12-A-25-22-01-00A-920A-A 12-A-25-22-04-00A-920A-A
12-A-30-10-00-00A-903A-A 12-A-30-10-03-00A-920A-A

M. Publications Affected

Aircraft Maintenance Manual (AMM)

Illustrated Parts Data (IPD)

Wiring Diagram Manual (WDM)

N. Interchangeability of Parts

The existing de-ice system timer (P/N 959.89.01.014) and the new de-ice system timer (P/N 959.89.01.043) are not interchangeable.

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

Operators that require additional information and/or Service Bulletin Material should contact their authorized Pilatus Service Center, or Pilatus Customer Support on www.pilatus-aircraft.com → contact us

B. Warranty

Not applicable.

C. Material Necessary**(1) Material to be Ordered**