

# SERVICE BULLETIN

SERVICE BULLETIN NO: 30-009

REF NO: 192

MODIFICATION NO:

ATA CHAPTER: 30

## ICE AND RAIN PROTECTION - WINDSHIELD DEICE SYSTEM WINDSHIELD DEICE SYSTEM WIRING - INSPECTION

### 1. Planning Information

#### A. Effectivity

PC-12 and PC-12/45 aircraft MSN 322 thru MSN 400.

#### B. Concurrent Requirements

None

#### C. Reason

##### (1) Problem

It is possible for heat damage to occur in given wires in the deice systems of the left and/or right windshields in some PC-12 and PC-12/45 aircraft.

##### (2) Cause

This problem has only occurred in a windshield deice system in which wires of incorrect gage were used.

##### (3) Solution:

- Do an inspection to make sure the wires installed in the windshield deice systems agree with the specifications given in the applicable wiring diagrams
- Replace all incorrect wires

#### D. Description

This Service Bulletin gives the data and instructions necessary to do an inspection of the left and right windshield deice system wires.

#### E. Compliance

Mandatory.

Required within the next 10 hours time-in-service but not later than three calendar months after the effective date of this Service Bulletin.

**F. Approval**

The technical content of this Service Bulletin is approved by the Federal Office for Civil Aviation (FOCA) of Switzerland as an Airworthiness Directive.

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 (overhead panel not fully removed)	1.5
Inspection	1.0
Close up	1.5
<b>TOTAL MAN-HOURS</b>	<b>4.0</b>

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM): 24-00-00, 24-30-07, 25-10-03 and 30-40-00.

Wiring Manual (WM): 30-40-00 and 30-40-10.

**L. Publications Affected**

Not applicable.

**M. Interchangeability of Parts**

Not applicable.