

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 30-005

REF NO: 095

MODIFICATION NO:

ATA CHAPTER: 30

ICE AND RAIN PROTECTION - WINDSHIELD MODIFICATION OF THE WIRES TO THE WINDSHIELD

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 320 and having the windshields PILATUS P/N: 959.81.10.107 LH and 959.81.10.108 RH (PPG P/N: NP172121-5 LH and NP172121-6 RH).

NOTE: The affected windshields can be identified by three imbedded temperature sensors on the outboard edge of the windshield.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 321 and subsequent.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The power supply and temperature sensor wires, for the windshield de-ice system, from the terminal block TB152 to the windshield, can overheat and cause the insulation to break down.

(2) Cause

The windshields have the incorrect specification wires installed.

(3) Solution

The power supply and temperature sensor wires are removed and new wires are installed and routed in a better position.

D. Description

This Service Bulletin gives the procedures to remove the old wires and to install the new wires.

E. Compliance

Mandatory.

Before next flight.

F. Approval

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

NOTE: 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	1,5
Modification of the wiring	9,0
Close up	3,5
TOTAL MAN-HOURS	14,0

NOTE: Man-hours figures do not include the time required to cure sealants and adhesives.

NOTE: The man-hours will be less on a Corporate/Utility aircraft.

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) Chapters, 24-00-00, 25-10-03, 25-10-01 and 30-40-00.

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

Illustrated Parts Catalog (IPC).

L. Publications Affected

Illustrated Parts Catalog (IPC).

M. Interchangeability of Parts

The old and new wiring is 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 LIAISON MANAGER,
CH 6371 STANS,
SWITZERLAND.

or PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : + 41 41 619 6319 (General aviation)

Tel : + 41 41 619 6509 (Government)

Fax: + 41 41 619 6224

Tel : 303 465 9099

Fax: 303 465 6040

NOTE: Operators are requested to advise Pilatus Aircraft Ltd, using the Service Bulletin Evaluation Sheet, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.