

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 30-004

REF NO: 071

MODIFICATION NO: 98 0172

ATA CHAPTER: 30

## ICE AND RAIN PROTECTION - PROPELLER DE-ICING - INSTALLATION OF NEW TIMER UNIT AND BRUSH PACK

### 1. Planning Information

#### A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 230.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 231 and subsequent.

- (2) All Timer Units held as spares.

#### B. Concurrent Requirements

None.

#### C. Reason

- (1) **Problem**

Some operators have reported incorrect indications of the propeller de-ice system.

- (2) **Cause**

Investigations have found that due to intermittent contact of the Brush Pack, current drops are experienced.

- (3) **Solution**

A new Brush Pack is installed in a better position and a new Timer Unit is introduced.

#### D. Description

This Service Bulletin introduces an improved Timer Unit and Brush Pack which will eliminate this problem. The electrical bonding of these items is also changed.

#### E. Compliance

Optional.

**PILATUS**  
**PC12**  
**SERVICE BULLETIN**

**F. Approval**

**FOR PLANNING PURPOSES**

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

**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	2,0
Close up	1,5
<b>TOTAL MAN-HOURS</b>	<b>5,0</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), Chapters 30-60-00, 30-60-01 and 30-60-02.

**L. Publications Affected**

Aircraft Maintenance Manual (AMM), Chapters 30-60-00, 30-60-01 and 30-60-02.

Illustrated Parts Catalog (IPC), Chapter 30-60-00.

**M. Interchangeability of Parts**

Pre and Post SB Timer Units and Brush Packs are not interchangeable.