

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 79-002

REF NO: 077

MODIFICATION NO:

ATA CHAPTER: 79

## OIL - OIL COOLER - MODIFICATION OF THE OIL COOLER SHROUD

### 1. Planning Information

#### A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 230.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 231 and subsequent.

#### B. Concurrent Requirements

None.

#### C. Reason

##### (1) Problem

A case has been reported of a cracked oil-cooler outlet-flap support hinge.

##### (2) Cause

The oil-cooler outlet-flap tension spring is not strong enough to keep the flap stationary, thus slight vibration causes the attachment bracket to crack.

##### (3) Solution

Modification of the oil cooler shroud. Install a new flap strut and two springs.

#### D. Description

This Service Bulletin introduces a new oil cooler shroud assembly and flap strut assembly which will eliminate this problem.

#### E. Compliance

Recommended (if cracks are there).

#### F. Approval

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.

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**G. Manpower**

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	Total
Preparation	0,5
Removal	0,5
Modification	4,0
Installation	0,5
Close up	0,5
<b>TOTAL MAN-HOURS</b>	<b>6,0</b>

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

**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 07-10-00, 24-00-00 and 79-00-00.

Illustrated Parts Catalog (IPC), Chapter 79-20-00.

**L. Publications Affected**

Aircraft Maintenance Manual (AMM), Chapter 79-20-02.

Illustrated Parts Catalog (IPC), Chapter 79-20-00.

**M. Interchangeability of Parts**

(1) The Pre and Post SB shroud are not interchangeable.