

# SERVICE BULLETIN

SERVICE BULLETIN NO: 29-001

REF NO: 008

MODIFICATION NO: 960341

ATA CHAPTER: 29

**SUBJECT: MODIFICATION OF THE HYDRAULIC HAND-PUMP HANDLE**

## 1. Planning Information

### A. Effectivity

- (1) PC-12 aircraft MSN 101; and from 103 up to and including MSN 153.
- (2) This Service Bulletin has been incorporated on MSN 102 and will be incorporated, prior to delivery, on aircraft MSN 154 and subsequent.

### B. Reason

A case has been reported where failure occurred of the non-return valve in the delivery line from the hydraulic hand-pump. This allowed main hydraulic pressure into the hand-pump and caused the hand-pump handle to come in contact with the top of the nose wheel well. This resulted in the pump body moving upwards, impacting on the PCL quadrant assembly and causing stiffness in the PCL movement in flight.

### C. Description

Accomplishment of this Service Bulletin consists of completing the following tasks:

- (1) Remove the existing hydraulic hand-pump handle (Ref. IPC 29-20-00, Figure 01, Detail D).
- (2) Replace check valve (Ref. IPC 29-20-00 Fig. 01, Item 50):
- (3) Install the new hydraulic hand-pump handle (P/N: 529.21.12.031).
- (4) Install the new front center-console panel (P/N: 950.10.00.067).
- (5) Removal of the Temporary Revision 'Hand Pump, March 8, 1996 from the AFM.

### D. Compliance

#### Mandatory

To be incorporated **BEFORE THE 15. SEPTEMBER 1996** as per Swiss FOCA Airworthiness Directive HB96-139, dated: 18-03-1996.

**SERVICE BULLETIN**

**E. 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.

**F. Manpower**

<b>Task</b>	<b>Man-hours</b>
Preparation	1.50
Installation	2.00
Test	0.50
Close-Up	1.00
<b>TOTAL MAN-HOURS</b>	<b>5.00</b>

**NOTE:** Man-hours figures are calculated for the unit installed in the aircraft and represent the total time estimated for the task.

**G. Material - Cost and Availability**

**(1) Material**

Operators should send orders for Service Bulletin modification kits, to:

PILATUS AIRCRAFT LTD,  
MARKETING CUSTOMER LIAISON (MCLS),  
CH 6370 STANS, Tel No: +41 41-6196 233  
SWITZERLAND. Fax No: +41 41-6103 351

or contact your Authorized PILATUS PC-12 Service Center.

**NOTE:** Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturers Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.

**(2) Cost and Availability**

**H. Tooling**

None.

**I. Weight and Balance**

Not Affected.