

# SERVICE BULLETIN

SERVICE BULLETIN NO: 28-006

REF NO: 066

MODIFICATION NO:

ATA CHAPTER: 28

## FUEL SYSTEM - DISTRIBUTION - MODIFICATION OF THE DELIVERY EJECTOR PUMPS

### 1. Planning Information

#### A. Effectivity

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

#### B. Reason

There is a possibility of fuel transfer between each wing, which can occur when the aircraft is parked on uneven surfaces; or due to unequal solar heating of the wing tank surfaces.

This Service Bulletin introduces a modification to the delivery ejector pump which consists of the replacement of the internal check valve with a new positive closing check valve.

#### C. Description

Accomplishment of this Service Bulletin consists of the tasks that follow:

##### (1) Aircraft

- (a) Defuel the aircraft.
- (b) Remove the booster pump for access from each wing.
- (c) Remove the delivery ejector pump from each wing.
- (d) Modify the delivery ejector pump by replacing the internal check valve.
- (e) Install the modified delivery ejector pump in each wing.
- (f) Install the booster pump in each wing.

##### (2) Spares

Modify the delivery ejector pumps, held as stock.

#### D. Compliance

Recommended.

**FOR PLANNING PURPOSES**

**E. 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.

**F. Manpower**

Preparation	1.5
Removal the booster pumps	0.5
Removal of the delivery ejector pump	0.5
Modification of the delivery ejector pump	1.0
Installation of the delivery ejector pump	0.5
Installation of Booster pumps	0.5
Close up	3.0
<b>TOTAL MAN-HOURS</b>	<b>7.5</b>

**NOTE:** Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task, providing one person works on each wing.

**NOTE:** The man-hours do not take into account the Loctite cure time required.

**G. Material - Cost and Availability**

**(1) Material**

Operators should send orders, for Service Bulletin modification kits, to their Authorized Pilatus PC-12 Service Center.

or:

PILATUS AIRCRAFT LTD,  
CUSTOMER LIAISON MANAGER,  
CH 6371 STANS      Tel: +41 41 619 63 19  
SWITZERLAND      Fax: +41 41 610 33 51

**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.

**(2) Cost and Availability**

**H. Tooling**

**I. Weight and Balance**

Not Affected.

**J. References**

Aircraft Maintenance Manual (AMM), Chapters, 28-20-04, 28-20-06.

Illustrated Parts Catalog (IPC), Chapter 28-20-00.

**K. Publications Affected**

Illustrated Parts Catalog (IPC), Chapter 28-20-00.