

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-001
MODIFICATION NO: 960073

REF NO: 017
ATA CHAPTER: 28

MODIFICATION OF THE FUEL SYSTEM - INSTALL NEW CHECK VALVES IN LH AND RH WINGS

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 140
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 141 and subsequent.

B. Reason

Fuel transfer from one wing to the other has been reported:

- (1) When the aircraft has been parked - with one wing exposed to the sun and the other wing in the shade. It is apparent that this fuel transfer is caused by thermal expansion of fuel and/or air in the 'hot' wing fuel tank vent bay. This produces a pressure differential which causes fuel to flow into the 'cold' wing.
- (2) or, when the aircraft is parked on a slope and one wing is lower than the other.

C. Description

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

- (1) Installation of a check valve, in each wing, by Rib 3. These check valves will be set to permit motive flow fuel to flow outboard from the center-line.

D. Compliance

Recommended.

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.

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F. Manpower

Task	Man-hours
Preparation	2.00
Modification	4.00
Close-Up	2.00
TOTAL MAN-HOURS	8.00

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

G. Material - Cost and Availability

(1) Material

Operators should contact their Authorized PILATUS PC-12 Service Center or send an order, for this Service Bulletin modification kit, to:

PILATUS AIRCRAFT LTD,
CUSTOMER LIAISON MANAGER
CH 6371 STANS,
SWITZERLAND.

Tel No: +41 41-6196 233
Fax No: +41 41-6103 351

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

(2) Cost and Availability

H. Tooling

None.

I. Weight and Balance

Mass + 0.109 (kg), Arm 5.550 (m).

J. References

Aircraft Maintenance Manual, Chapters 06-20-00, 12-10-01, 28-00-00, 28-20-04.
Illustrated Parts Catalog, 28-20-00, Figure 06 and Figure 08.

K. Publications Affected

Aircraft Maintenance Manual, Chapters 28-00-00,

Illustrated Parts Catalog, 28-20-00 and Airplane Flight Manual, Section 7.