

SERVICE BULLETIN

FOR PLANNING PURPOSES

SERVICE BULLETIN NO: 29-003

REF NO: 035

MODIFICATION NO:

ATA CHAPTER: 29

MODIFICATION OF THE HYDRAULIC SERVICE SELECTOR VALVE

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 180.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 181 and subsequent.

B. Reason

One case has been reported where the check valve, located in the Service Selector Valve (SSV), had failed to close fully. After investigation it was found that particle contamination caused the SSV not to seat correctly. This can cause leakage through the valve which will induce frequent cycling of the Hydraulic Pressure Pump (HPP), to maintain system pressure.

This Service Bulletin introduces a filter into the Tee-piece adapter, upstream of the check valve, to prevent particle or foreign object contamination of the check valve.

C. Description

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

Aircraft

- (1) Remove the special Tee-piece adapter (P/N 946.23.65.370).
- (2) Install the new Tee-piece adapter assembly (P/N 529.13.12.118).

D. Compliance

Highly 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.

≡PILATUS≡
PC12
SERVICE BULLETIN

FOR PLANNING PURPOSES

F. Manpower

Task	Man-hours
Preparation	0,5
Removal	0,5
Installation	0,5
Close-up	1,0
TOTAL MANHOURS	2,5

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 your 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: + 41 41 619 6509
Fax: + 41 41 610 3351

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturer's Serial Number (MSN), the flying hours of aircraft which are allocated for this Service Bulletin using the Service Bulletin Evaluation Form.

(2) Cost and Availability

H. Tooling

None.

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapters 07-10-00, 29-00-00.

Illustrated Parts Catalog (IPC), Chapter 29-10-00.

K. Publications Affected

Illustrated Parts Catalog (IPC), Chapter 29-10-00.