

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-003 - Rev. 1

REF NO: 039

MODIFICATION NO:

ATA CHAPTER: 28

FUEL TANK INWARD VENT VALVE REPLACEMENT

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 up to and including 186.

B. Reason

A customer reported an instance of the fuel tank inward vent valves freezing in the closed position, concluded as being due to ingestion of moisture laden air followed by cold soak at altitude.

Revision 1 of this Service Bulletin is issued to make a WARNING in the text (Ref. Para. 2.C.) and a highlight on Figure 1 showing the arrow.

C. Description

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

- (1) Defuel the aircraft.
- (2) Remove the access panels 52 GB and 62 GB.
- (3) Exchange the inward vent valves for modified units.
- (4) Install the access panels 52 GB and 62 GB.
- (5) Refuel the aircraft.

D. Compliance

Mandatory

This Service Bulletin **must** be incorporated at the earliest opportunity and no later than the next 10 flight hours.

E. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland as an Airworthiness Directive.

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	0.5
Modification	1.0
Installation	0.5
Close-up	0.5
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 their authorized PILATUS SERVICE CENTER for further information on this Service Bulletin, or contact the following information:

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NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturer's Serial Number (MSN), and the flying hours of the 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 12-10-01, 28-00-00.

Illustrated Parts catalog IPC, Chapter 28-20-00.

K. Publications Affected

Aircraft Maintenance Manual AMM, Chapter 28-10-00.

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