



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-005

REF NO: 065

MODIFICATION NO:

ATA CHAPTER: 28

FUEL - STORAGE - MODIFICATION OF THE VENT VALVE SYSTEM

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 through MSN 230.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 231 and subsequent.

B. Reason

With PILATUS Service Bulletin 28-003 'Fuel Tank Inward Vent Valve Replacement' and Service Bulletin 28-004 'Modification of the Fuel Filler Caps', immediate - but temporary solutions to a possible vent valve icing problem were provided. These modifications restored full flight safety to the aircraft but are not designed to be used for a long time period.

With this Service Bulletin (28-005), PILATUS provides the final solution to initial problem and eliminates the temporary modifications introduced with the earlier Service Bulletins.

C. Description

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

- (1) Defuel the aircraft.
- (2) Remove the inward vent valves, attached to the inside of access panel/s 52IB (62IB).
- (3) Install new float valves and flame arrestors on Rib 16, together with a new connecting vent line.
- (4) Test the new float valve system.
- (5) Seal the holes in both fuel filler caps (Ref. SB 28-004) with a 4.8 mm countersunk rivet.
- (6) Refuel the aircraft.

D. Compliance

Mandatory.

This Service Bulletin must be incorporated by 31. August 1998, at the latest.

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E. Approval

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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.

F. Manpower

Preparation	1.0
Modification	6.0
Close up	1.0
TOTAL MAN-HOURS	8.0

NOTE: Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task. The modification time quoted is for single person to do the complete task - if two persons are used, then the time for the modification is only 5 man-hours.

NOTE: The sealant cure time is 12 hours, dependant on climatic conditions.

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

None.

I. Weight and Balance

Not Affected.

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J. References

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Aircraft Maintenance Manual (AMM), Chapters 06-20-00, 12-10-01, 28-00-00.

K. Publications Affected

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