

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 57-001

REF NO: 24

MODIFICATION NO:

ATA CHAPTER: 57

ELECTRICAL BONDING OF FUEL TANK ACCESS COVERS.

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft up to and including MSN 168.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 169 and subsequent.

B. Reason

During inspection, it was found that there are random tank access panels which are not sufficiently electrically-bonded to the airframe. In order to rectify this situation each fuel tank access cover must be fitted with aluminum bonding bushing which will ensure a positive electrical bonding to the airframe structure.

C. Description

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

- (1) Remove three screws in each fuel tank access panel (Ref. Fig.1) and insert an aluminum bonding bushing. Re-install the three screws and tighten to standard torque (Ref. AMM 20-00-00).

D. Compliance

Mandatory.

The tasks given in Para. 2.B. must be accomplished within 90 days of receipt of this Service Bulletin.

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	0.5
Installation of Bonding Bushing	5.0
TOTAL MAN-HOURS	5.5

NOTE: Man-hours figures are calculated for panels 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 for further information on this Service Bulletin or:

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

(2) Cost and Availability

H. Tooling

6 mm and 6.4 mm drill bits, 100° countersink drill bit.

NOTE: There are no imperial equivalents to the drill bits that fit the new bonding bushings.

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapters 06-20-00, 20-00-00 and 24-00-00.

K. Publications Affected

Illustrated Parts Catalog (IPC), Chapter 57-20-00.