

SERVICE BULLETIN

SERVICE BULLETIN NO: 53-002

REF NO: 060

MODIFICATION NO: 97 0535

ATA CHAPTER: 53

REPLACEMENT OF THE PASSENGER DOOR BEARING SUPPORT ON THE FUSELAGE

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 191.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 192 and subsequent.

B. Reason

Instances have been reported of the bracket cracking. An improved bracket has been developed which eliminates this problem.

C. Description

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

- (1) Remove the LH bulkhead, the Pilot's seat, the Pilot's side carpet and the LH lower cockpit side-wall.
- (2) Disconnect the electrical cables, L26B24 & L100B24N (dome light) and W15A24 & W22A24N (Passenger Door).
- (3) Remove the bearing support (P/N: 553.10.12.324) and install the new bearing support (P/N: 553.10.12.790).
- (4) Re-connect electrical cables, removed in Step 2.
- (5) Do an adjustment/test of passenger door.
- (6) Install the LH lower cockpit side-wall, the Pilot's side carpet, the Pilot's seat and the LH bulkhead.

D. Compliance

Recommended - if the bracket is cracked.

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	1.0
Modification	5.0
Close-up	1.0
TOTAL MAN-HOURS	7.0

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 this Service Bulletin modification kit, or contact the following for further information:

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) and the flying hours of aircraft which are allocated for this Service Bulletin; using the Service Bulletin Evaluation Form.

NOTE: This Service Bulletin should be done at a Pilatus Service Center.

(2) Cost and Availability

H. Tooling

Electrical cable insert/extractor tool (RED).
Jo-bolt drilling tool (PIL. P/N: 904.14.77.206).
1 x 3.2 mm drill bit (Minimum 18% Tungsten).
1 x 4.6 mm drill bit (Minimum 18% Tungsten)
1 x 2.5 mm drill bit
1 x 3.5 mm drill bit
1 x 4.0 mm drill bit
1 x 4.5 mm drill bit
1 x 5.0 mm drill bit
4 Dowel pins (P/N: 553.05.12.790)
Parallel reamer 5.2 (H7) mm.
Small strong round-bar magnet (10 mm dia.) with extension wire (200 mm long).
Powerful commercial-vacuum cleaner with a small inlet.
Acres break-off tool - local manufacture.
3/8 AF "angled" open-ended spanner.

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I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapters 06-20-00, 25-10-01, 25-10-03.

Illustrated Parts Catalog, (IPC), Chapter 52-10-00.

K. Publications Affected

Illustrated Parts Catalog, (IPC), Chapter 52-10-00.