

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 32-004

REF NO: 062

MODIFICATION NO: 97 0036

ATA CHAPTER: 32

REPLACE BRAKE PEDAL LEVERS AND ADJUST THE MECHANISM

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 230.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 231 and subsequent.

B. Reason

The effectiveness of carbon brakes can be influenced by humidity and low temperatures. Isolated instances have been reported where high brake-pedal forces have been required to achieve desired brake performance. To improve this situation, a new lever assembly has been designed which increases the brake pressure, for any given pedal force, by about 25%.

C. Description

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

- (1) Remove both the crew seats.
- (2) Remove and discard the lever assemblies (P/N: 532.42.12.053) and install the new lever assemblies (P/N: 532.42.12.058).
- (3) Adjust the push rod length to 276 mm, between the eye-end centers.
- (4) Install both the crew seats.

D. Compliance

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.

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F. Manpower

Task	Man-hours
Preparation	0.5
Modification	2.0 (1 hour for each pilots position)
Close-up	1.5
TOTAL MAN-HOURS	4.0

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 the aircraft which is 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 25-10-01 and 25-10-03.

Illustrated Parts Catalog (IPC), Chapters 27-20-00, Fig. 03 and 32-40-00, Fig.04.

K. Publications Affected

Illustrated Parts Catalog (IPC), Chapters 32-40-00, Fig.04.