

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 27-002

REF NO: 37

MODIFICATION NO: 960965

ATA CHAPTER: 27

MODIFICATION OF THE LANDING FLAP RESOLVER SYSTEM

1. Planning Information

A. Effectivity

- (1) The Flap Warning and Control Unit part of this Service Bulletin. All aircraft up to and including MSN 180 (Requires Mod. Kit C).

This will be incorporated prior to delivery on aircraft MSN 181 and subsequent.

- (2) The Landing Flap Resolver Clamp part of this Service Bulletin. All aircraft up to and including MSN 200 (Requires Mod Kit A or B).

This will be incorporated prior to delivery on aircraft MSN 201 and subsequent.

Modification kit applicability:

- Kit A - (P/N: 500.50.12.127) Pre MSN 141 aircraft.
- Kit B - (P/N: 500.50.12.137) Post MSN 141 aircraft.
- Kit C - (P/N: 500.50.12.159) Pre MSN 181 aircraft.

B. Reason

This Service Bulletin introduces an improved clamp for the flap position transmitters and an upgraded Flap Warning and Control Unit.

C. Description

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

- (1) Set the Flaps.
- (2) Open the access panels.
- (3) Replace the Flap Position Transmitter Clamps.
- (4) Replace the Flap Warning and Control Unit (FCWU) with an exchange unit, if required, check aircraft MSN effectivity.
- (5) Functional test of the Flaps.
- (6) Close the access panels.

D. Compliance

Optional.

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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.

F. Manpower

Task	Man-hours
Preparation	1.0
Test	1.0
Installation	1.5
Close-up	1.0
TOTAL MAN-HOURS	4.5

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 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 6196 509
Fax:+ 41 41 6103 351

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 (Ref. Service Bulletin Evaluation Form).

(2) Cost and Availability

Modification Kit A:

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H. Tooling

None.

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual, (AMM), Chapters, 24-00-00, 25-24-02, 27-50-00, 27-50-06 and 32-30-00.

K. Publications Affected

Illustrated Parts Catalog, (IPC) Chapter 27-50-00.

Aircraft Maintenance Manual, Chapter 27-50-06.