

SERVICE BULLETIN

SERVICE BULLETIN NO: 27-009

REF NO: 100

MODIFICATION NO:

ATA CHAPTER: 27

FLIGHT CONTROLS - FLAPS MODIFICATION OF FLAP LIMIT MICROSWITCHES

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 320.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 321 and subsequent.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

In extreme cold and humid conditions, the spring-operated plungers of the flap limit microswitches have a tendency to freeze - in the depressed position. This prevents further operation of the flaps.

(2) Cause

Insufficient spring strength of the microswitches.

(3) Solution

Install new microswitches with an increased spring strength.

D. Description

This Service Bulletin introduces new microswitches. This is to improve the operation of the microswitches in cold conditions.

E. Compliance

Optional.

F. 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.

G. Manpower

	Total
Preparation	1.0
Modification of the Microswitches	5.0
Close up	1.0
TOTAL MAN-HOURS	7.0

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM) Chapter 27-50-00 and 27-50-07.

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

L. Publications Affected

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

M. Interchangeability of Parts

None.

2. Material Information

A. Material - Price and Availability

Operators should send orders for Service Bulletin modification kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,
CUSTOMER LIAISON MANAGER,
CH 6371 STANS,
SWITZERLAND.

or PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : + 41 41 619 6319 (General aviation)
Tel : + 41 41 619 6509 (Government)
Fax: + 41 41 619 6224

Tel : 303 465 9099
Fax: 303 465 6040

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.