

Service Bulletin No: 27-012

Ref No: 119

Modification No:

ATA Chapter: 27

**FLIGHT CONTROLS - FLAPS
FCWU - REPLACEMENT****1. Planning Information****A. Effectivity:**

- (1) All PC-12 and PC-12/45 aircraft from MSN 321 up to and including MSN 331, MSN 333, MSN 335, MSN 336, MSN 338 up to and including MSN 341, MSN 343 and MSN 345.
- (2) All PC-12 and PC-12/45 aircraft in which Service bulletin 27-008 has been incorporated using Flap Control and Warning Units (FCWUs) (Manufacturer's Part No. FCWU 99-3) which have Serial Nos. 100,000 or less.

B. Concurrent Requirements

Not applicable.

C. Reason**(1) Problem**

The component manufacturer has identified production quality deficiencies in FCWU99-3 units (Serial Nos. 100,000 or less).

(2) Cause

Quality deficiencies in the component production procedures.

(3) Solution

Manufacturers recall and replacement of all FCWU99-3 units with Serial Nos. 100,000 or less. The replacement FCWUs have Serial Nos. 100,001 and subsequent.

D. Description

This Service Bulletin gives the necessary data and instructions to replace the FCWU in given PC-12 and PC-12/45 aircraft.

Revision 1 to this Service Bulletin removes the modification kit number which was incorrect. No modification kit is necessary for this Service Bulletin. The AMM references are also updated to the latest standard and the copyright and legal statements are added. Aircraft with this Service Bulletin already embodied do not require further rework.

E. Compliance

Mandatory.

Required not later than one calendar month after the initial issue date of this Service Bulletin, unless already accomplished.

F. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland as an Airworthiness Directive.

NOTE: PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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H. Manpower

	Total
Preparation	0.5
FCWU - Replacement	0.25
Close up	1.25
TOTAL MAN-HOURS	2.0

I. Weight and Balance**(1) Weight Change**

Not affected.

(2) Moment Change

Not affected.

J. Electrical Load Data

Not changed.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM), 12-A-06-20-00-00A-040A-A, 12-A-25-21-04-00A-920A-A, 12-A-25-22-04-00A-920A-A, 12-A-27-50-00-00A-903B-A, 12-A-27-50-05-00A-920A-A.

M. Publications Affected

Not applicable.

N. Interchangeability of Parts

Pre and Post SB FCWUs are not interchangeable.