

Bundesamt für Zivilluftfahrt (BAZL) Office fédéral de l'aviation civile (OFAC) Ufficio federale dell'aviazione civile (UFAC) Federal Office for Civil Aviation (FOCA) Maulbeerstrasse 9 CH-3003 Berne Switzerland	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)	FOCA AD HB 2000-444
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS - PC-12 FOCA TC/TCDS No.: F 56-30 ATA 27	

TITLE: **PILATUS AIRCRAFT LTD. – PC-12
FLAP CONTROL AND WARNING UNIT – Replacement.**

APPLICABILITY: PILATUS AIRCRAFT LTD.
(1) Model PC-12 and PC-12/45 airplanes from Manufacturers Serial Numbers (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) Model PC-12 and PC-12/45 airplanes in which Service Bulletin PILATUS PC-12 Service Bulletin No. 27-008 has been incorporated using Flap Control and Warning Units (FCWU's) Manufacturers Part No. FCWU99-3 which have Serial Numbers (S/N) 100,000 or less.

EFFECTIVE DATE: November 09, 2000.

REASON:

During routine quality assurance inspections the component manufacturer has identified production quality deficiencies in the Flap Control and Warning Units (FCWU's) Manufacturers Part No. FCWU99-3 Serial Numbers (S/N) 100,000 or less. A potential fault in the FCWU software could inhibit detection of flap twist after a mechanical failure scenario.

In order to correct the condition described this Airworthiness Directive (AD) requires replacement of certain Flap Control and Warning Units.

COMPLIANCE: (Required as indicated, unless already accomplished)

To prevent failure of the Flap Control and Warning Unit as a consequence of a potential fault in the FCWU software, accomplish the following:


(a) Not later than one calendar month after the effective date of this Airworthiness Directive;

- (1) Remove Flap Control and Warning Unit (FCWU) Manufacturers Part No. FCWU99-3 which has S/N 100,000 or less and install FCWU with S/N 100,001 and subsequent as specified in and in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 27-012, dated September 13, 2000 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

(b) Spare Parts:

- (1) As of the effective date of this AD, no person shall install any Flap Control and Warning Unit, Manufacturers Part No. FCWU99-3, which has S/N 100,000 or less, on any Model PILATUS PC-12 Series airplane.

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REF. PUBLICATIONS:

- PILATUS PC-12 Service Bulletin No. 27-012, dated September 13, 2000 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

The applicable manufacturer's documentation may be obtained directly from:

PILATUS AIRCRAFT LTD

CUSTOMER LIAISON MANAGER
CH-6371 STANS , Switzerland

TEL No.: +41 41 619 6319
FAX No.: +41 41 610 3351

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Type Certification Section (FM), Maulbeerstrasse 9
CH-3003 Berne, Switzerland

FAX No.: +41 31 325 8051 (or)
FAX No.: +41 31 322 5918

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