

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 2001-005
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	10.01.2001 PILATUS - PC-12 FOCA TC/TCDS No.: F 56-30 ATA 27	

URGENT- IMMEDIATE ACTION REQUIRED

TITLE: **PILATUS AIRCRAFT LTD. – PC-12
FLAP SYSTEM - Limitation**

APPLICABILITY: PILATUS AIRCRAFT LTD.
(1) All PC-12 and PC-12/45 airplanes from Manufacturer Serial Numbers MSN 101 up to and including MSN 400.

EFFECTIVE DATE: FOCA AD HB 2001-005, issued January 10, 2001, becomes effective upon receipt.

REASON:

During system maintenance it was found that certain failures of the flap system Primary Drive Unit (PDU) motor contactor could result in uncommanded cycling of the flaps between the **UP** and selected positions. Investigation revealed that current surges were being generated due to the Motor coil power being removed after the Field coil power is removed or reversed. These surges can cause the contactor to fail closed, which could cause cycling of the flaps.

COMPLIANCE: (Required as indicated, unless already accomplished)

To prevent uncommanded flap movements which could result in a hazardous condition :

(a) Required prior to further flight after receipt of this Airworthiness Directive;

- (1) Insert Temporary Revision No. 32 in the PC-12 Pilot's Operating Handbook, and operate the aircraft accordingly.

REF. PUBLICATIONS:

- PILATUS PC-12 Pilot's Operating Handbook Temporary Revision No. 32.

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 (MZ)
Maulbeerstrasse 9
CH-3003 Berne, Switzerland

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

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