

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-2004-068
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS - PC-12 FOCA TC/TCDS No.: F56-30 ATA 27 FLIGHT CONTROLS	

Issue date: 04 March 2004

SUBJECT: PILATUS AIRCRAFT LTD. – PC-12
INBOARD AND OUTBOARD FLAP FLEXIBLE SHAFTS/Replacement

1. APPLICABILITY:

PILATUS AIRCRAFT LTD.

All PC-12 and PC-12/45 airplanes, Manufacturer Serial Numbers (MSN) 101 thru MSN 489 with inboard and/or outboard flap flexible shafts Part Numbers (P/Ns) 945.02.02.203 and 945.02.02.204 installed.

2. REASON:

This Airworthiness Directive (AD) is prompted by occurrences on Model PC-12 and PC-12/45 airplanes where several inner drive cables of the flap flexible shafts (flexshafts) have been found to be corroded. Investigations revealed that moisture from the pressurized cabin can enter the flap flexshafts at the attachments of the actuators. This condition, if not corrected, could lead to the rupture of the flap flexshafts and as a consequence, the flap system becomes inoperative.

To prevent rupture of the flap flexshafts due to corrosion, this AD requires replacement of the flap inboard and outboard flexshafts with flexshafts of improved design that give a better protection-hose seal.

3. COMPLIANCE:

Required as indicated below, unless already accomplished:

REPLACEMENT

At the next 100 Hour/ Annual Inspection, but not later than 30 days after the effective date of this AD:


Remove flap flexshafts P/Ns 945.02.02.203 and 945.02.02.204 and install new flap flexshafts P/Ns 945.02.02.205 and 945.02.02.206.

4. SPARE PARTS:

As of the effective date of this AD, no person shall install any inboard and/or outboard (blue) flap flexshafts held as spare with PNs 945.02.02.203 and 945.02.02.204, on any Model Pilatus PC-12 and PC-12/45 airplane.

./.

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	siehe TM Nr. voir CT no. vedi CT no. see CT no. 02.020-80		Seite Page Pagina Page	1 1 1 1	von de di of 2
--	--	--	---------------------------------	------------------	---------------------------------------

FOCA AD HB-2004-068	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)		BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland
-------------------------------	---	--	--

5. REF. PUBLICATIONS:

The actions required by this AD shall be done in accordance with the manufacturer's documentation listed in this paragraph, and/or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA):

- PILATUS PC-12 Service Bulletin No. 27-015 Revision A, dated 13 November 2003.

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

PILATUS AIRCRAFT LTD

CH-6371 STANS, Switzerland

CUSTOMER SUPPORT MANAGER

TEL No.: +41 41 619 6208

FAX No.: +41 41 619 7311

Email: SupportPC12@pilatus-aircraft.com

6. FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)

Type Certification (MZ)

Maulbeerstrasse 9

CH-3003 Berne, Switzerland

FAX No.: +41 31 325 9324 (or)

FAX No.: +41 31 322 5918

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	siehe TM Nr. voir CT no. vedi CT no. see CT no.	02.020-80	Seite Page Pagina Page	2	von de di of	2
--	--	------------------	---------------------------------	----------	-----------------------	----------