Bundesamt für Zivilluftfahrt (BAZL) Office fédéral de l'aviation civile (OFAC) Ufficio federale dell'aviazione civile (UFAC) Federal Office for Civil Aviation (FOCA) Maulbeerstasse 9 CH-3003 Berne Switzerland		Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)	FOCA AD HB 99-241
Inkraftsetzu Mise en vig Entrata in v Effective D	ueur gore 08.05.1999	PC-12 Series FOCA TC No.: F 56-30	

Betroffene Muster - Types concernés - Applicabilità - Models affected PILATUS AIRCRAFT LTD.

All Model PC-12 and PC-12/45 airplanes.

Manufacturers Serial Numbers: MSN 101 up to and including MSN 239.

Anlass / Massnahmen - Objet / Mesures - Oggetto / Provvedimenti - Subject / Action

FLAP DRIVE SHAFTS • Replacement.

- Modifications.
- Flaps rigging.

Fristen - Délais- Scadenza - Compliance (Required as indicated , unless already accomplished)

Required within 4 months after the effective date of this Airworthiness Directive.

Herkunft - Provenance - Provenienza - Origin

FOCA Airworthiness Directive.

Bezugnahme - Référence - Riferimento - Reference

Pilatus PC-12 Service Bulletin PC-12 No. 27-003, dated March 08,1999.

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

PILATUS AIRCRAFT LTD

MARKETING SUPPORT DEPARTMENT

CH-6370 STANS TEL. No.: +41 41 619 6233 SWITZERLAND FAX No.: +41 41 610 3351

Bemerkungen - Observations - Osservazioni - Remarks

For details refer to page 2.

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FOCA AD

HB 99-241

Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

HB 99-241 PILATUS AIRCRAFT LTD. – PC-12 and PC-12/45 FLAP DRIVE SHAFTS – Replacement.

Applicability:

PILATUS AIRCRAFT LTD.

All Model PC-12 and PC-12/45 airplanes.

Manufacturers Serial Numbers: MSN 101 up to and including MSN 239.

Effective Date : May 08,1999.

Reason:

This Airworthiness Directive (AD) is prompted by occurrences where several inner drive cables of the flap flexible shafts (flap drive shafts) have been found to be corroded. Investigations revealed that moisture from the pressurized cabin can enter the flap drive shafts through the unsealed areas of the flap drive shaft attachments and the shaft casings. This condition, if not corrected, could lead to the rupture of the flap drive shafts

To prevent rupture of the flap drive shafts due to corrosion, this Airworthiness Directive (AD) requires replacement of the flap inboard and outboard flap drive shafts with modified shafts and the installation of additional gaskets on both sides of the Power Drive Unit (PDU). This AD also requires modification of two support brackets and the accomplishment of a full flap rigging procedure.

<u>Compliance</u>: (as indicated, unless already accomplished)

Required within 4 months after the effective date of this Airworthiness Directive.

The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 27-003, dated March 08,1999.

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Type Certification Section (FM),
Maulbeerstrasse 9
CH-3003 Berne, Fax (+41) 31 325 80 48.
Switzerland

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