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 99-142
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	17.02.1999	PC-12 Series FOCA TC No.: F 56-30	

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

- 1. All Model PC-12 and PC-12/45 airplanes.
- 2. All flap actuators (PILATUS P/N: 978.73.20.304 Vickers Inc. P/N: 951D100-9) held as spares.

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

"LIMITED SERVICE -LIFE" FLAP SCREW ACTUATORS

- Identification.
- Introduction of Limited Service Life.
- Replacement.

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

As detailed in page 2 and 3 of this Airworthiness Directive.

Herkunft - Provenance - Provenienza - Origin

FOCA Airworthiness Directive.

Bezugnahme - Référence - Riferimento - Reference

- Pilatus PC-12 Service Bulletin PC-12 No. 27-007, dated January 26,1999
- Pilatus PC-12 Aircraft Maintenance Manual (AMM) Temporary Revisions No. 04-03 and 27-10, both dated January 15,1999.

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.

Rechtsmittelbelehrung siehe T Voies de droit voir CT Rimedi giuridici vedi CT Right to appeal see CT	02.020-80	Seite Page Pagina Page	1	von de di of	3
---	-----------	---------------------------------	---	-----------------------	---

FOCA AD

HB 99-142

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



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

HB 99-142 PILATUS AIRCRAFT LTD. – PC-12 and PC-12/45 "LIMITED SERVICE –LIFE" FLAP SCREW ACTUATORS

Applicability:

PILATUS AIRCRAFT LTD.

- 1. All Model PC-12 and PC-12/45 airplanes.
- 2. All flap actuators (PILATUS P/N: 978.73.20.304 Vickers Inc. P/N: 951D100-9) held as spares.

Effective Date : February 17,1999.

Reason:

Due to an acute shortage of standard flap actuators, a number of actuator units are being produced which incorporate a modified set of gears. These units, although identical in form, fit and function, may experience premature wear. As a result, a Limited-Service-Life has been defined for this series of actuators. These units are identified by serial number, and yellow colored housings.

This Airworthiness Directive requires identification of all "Limited-Service-Life" flap screw-actuators; placard installation and coloring, if necessary; repetitive inspections/checks and the introduction of a limited service life for the affected actuators.

Compliance : (as indicated, unless already accomplished)

In order to facilitate the use of "Limited-Service-Life" flap screw-actuators accomplish the following:

a) At the next scheduled Flap Screw-Actuator Inspection/Check (Backlash Check):

- (1) Perform a one-time inspection to determine the Serial Number (S/N) of the installed flap screw-actuators, in accordance with Paragraph 3.A of PILATUS PC-12 Service Bulletin No. 27-007, dated January 26,1999.
- (2) Identify all the "Limited-Service-Life" flap screw-actuators, record their in-service hours and landings and install a placard 'LSL ACTUATOR', if necessary.
- (3) Inspect/Check "Limited-Service-Life" flap screw-actuators in accordance with Aircraft Maintenance Manual (AMM)and Temporary Revisions 04-03 and 27-10, both dated January 15,1999, or later approved revisions and repeat inspections at intervals stipulated in the latest maintenance manual instructions.
- (4) Replace the "Limited-Service-Life" flap screw-actuators :
 - When backlash limits exeed those given in the AMM.
 - When they have accumulated a time-in-service (TIS) of 500 hours or 650 landings, whichever
 occurs first.
 - Not later then September 30,1999.

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	02.020-80	Seite Page Pagina Page	2	von de di of	
--	-----------	---------------------------------	---	-----------------------	--



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

HB 99-142

b) Within 14 days after the effective date of this AD:

- (1) Perform a one-time inspection to determine the Serial Number (S/N) of the flap screw-actuators held as spare parts, in accordance with Paragraph 4.A of PILATUS PC-12 Service Bulletin No. 27-007, dated January 26,1999.
- (2) Identify all the "Limited-Service-Life" flap screw-actuators on stock; install a placard 'LSL ACTUATOR', if necessary and make an entry in the spare parts inventory list and on its unit label that PILATUS PC-12 Service Bulletin No. 27-007, dated January 26,1999.(FOCA AD HB 99-142) has been accomplished.
- c) Amend Aircraft Maintenance Manual (AMM) with Temporary Revision No: 04-03 and 27-10, both dated January 15,1999.

The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 27-007, dated January 26,1999.

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

NOTE:

An exemption, deviation or extension of the compliance time may be used if approved by the National Airworthiness Authority.

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	3	von de di of	3	
--	--	-----------	--	---------------------------------	---	-----------------------	---	--