

<b>Bundesamt für Zivilluftfahrt (BAZL)</b> <b>Office fédéral de l'aviation civile (OFAC)</b> <b>Ufficio federale dell'aviazione civile (UFAC)</b> <b>Federal Office for Civil Aviation (FOCA)</b> Maulbeerstrasse 9 CH-3003 Berne Switzerland	<b>Lufttüchtigkeitsanweisung (LTA)</b> <b>Consigne de Navigabilité (CN)</b> <b>Prescrizione di Aeronavigabilità (PA)</b> <b>Airworthiness Directive (AD)</b>	FOCA AD  <b>HB 99-507</b>
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	<b>01.10.1999</b>	<b>PC-6</b> FOCA TC No.: F 56-10

**URGENT – IMMEDIATE ACTION REQUIRED**

**Betroffene Muster - Types concernés - Applicabilità - Models affected**

**PILATUS AIRCRAFT LTD.**

Model PC-6 Series airplanes, fitted with Horizontal Stabilizer Trim Actuator (PILATUS P/N's : 978.73.18.101, or 978.73.18.102 or 978.73.18.103)- {Electromech-P/N's : EM 483-1, or 483-2 or 483-3}.

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

**HORIZONTAL STABILIZER TRIM ACTUATOR** ▪ Inspection.

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

As detailed in page 2 of this Airworthiness Directive.

**Herkunft - Provenance - Provenienza - Origin**

FOCA Airworthiness Directive.

**Bezugnahme - Référence - Riferimento - Reference**

- PILATUS Service Bulletin PC-6 No. 178, dated September 29, 1999, 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 6509 (Government)

FAX No.: +41 41 610 3351

**Bemerkungen - Observations - Osservazioni - Remarks**

- For details refer to page 2.

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	siehe TM Nr. voir CT no. vedi CT no. see CT no.	<b>02.020-80</b>	Seite Page Pagina Page	von de di of	  <b>1</b>   	     <b>2</b>
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FOCA AD <b>HB 99-507</b>	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)		BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland
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**HB 99-507 PILATUS AIRCRAFT LTD. – PC-6 (TCDS F 56-10)  
HORIZONTAL STABILIZER TRIM ACTUATOR- Inspection**

**Applicability :**

**PILATUS AIRCRAFT LTD.**

Model PC-6 Series airplanes, fitted with Horizontal Stabilizer Trim Actuator (PILATUS P/N's : 978.73.18.101, or 978.73.18.102 or 978.73.18.103)- {Electromech – P/N's : EM 483-1, or 483-2 or 483-3}.

**Effective Date :** FOCA AD HB 99-507, issued October 01, 1999, becomes effective upon receipt.

**Reason :**

This Airworthiness Directive (AD) is prompted by a report where during scheduled maintenance inspection the lower lug of the electrical horizontal stabilizer trim actuator was found to be cracked and a segment of approximately 30-40 degrees missing.

Suspected cause is loosening of the staked bearing which caused excessive wear and failure of the horizontal stabilizer actuator lower lug.

To prevent failure of the horizontal stabilizer trim actuator, this Airworthiness Directive (AD) requires a one time visual inspection to the lower lug of the horizontal stabilizer trim actuator for damage or distortion.

**Compliance :** ( Required as indicated, unless already accomplished )

To prevent failure of the horizontal stabilizer trim actuator, which could result in the loss of airplane control, accomplish the following :

- (1) Before further flight:**  
For aircraft which have accumulated more than 2000 landings or (if the landings are not recorded) more than 500 hours time-in-service.
- (2) At the next 100-hour inspection after the effective date of this AD:**  
For aircraft which have accumulated less than 2000 landings or (if the landings are not recorded) less than 500 hours time-in-service.
- (a) Remove the horizontal stabilizer trim actuator and conduct a one-time visual inspection for damage and distortion as specified in and in accordance with PILATUS Service Bulletin PC-6 No. 178, dated September 29, 1999.
- (b) If any damage or distortion is found; ground the aircraft and contact PILATUS AIRCRAFT LTD. immediately for further instructions, at the address referenced in page 1 of this AD.
- (c) If no damage or distortion is found; re-install the horizontal stabilizer trim actuator and conduct a functional test as specified in and in accordance with PILATUS Service Bulletin PC-6 No. 178, dated September 29, 1999.
- (d) The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS Service Bulletin PC-6 No. 178, dated September 29, 1999, or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

FOR FURTHER INFORMATION CONTACT: FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)  
Type Certification Section (FM),  
Maulbeerstrasse 9  
CH-3003 Berne, Switzerland  
Fax (+41) 31 325 8051 (or)  
Fax (+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.	<b>02.020-80</b>	Seite Page Pagina Page	<b>2</b>	von de di of	<b>2</b>
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