

<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-2005-080</b>
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	<b>PILATUS – PC-6</b>  FOCA TC/TCDS No: F56-10 ATA 53 – FUSELAGE	

Issue date: 23 February 2005

**Subject: STABILIZER-TRIM ATTACHMENT COMPONENTS – Inspection / Replacement**

**Superseded/Revised ADs:** Not applicable

**1. APPLICABILITY:**

**PILATUS AIRCRAFT LTD.**

All Model PC-6 Series airplanes.

**Superseded by  
FOCA AD  
HB-2005-263**

**2. REASON:**

This Airworthiness Directive (AD) is prompted by an occurrence where a PC-6 airplane had to make an emergency landing outside the airport after the lower attachment bracket of the horizontal stabilizer actuator had broken. This type of failure could result in loss of control of the airplane.

In order to correct the condition described, this AD requires the identification, inspection and the replacement of certain components of the stabilizer-trim attachment.

**3. COMPLIANCE / ACTION:**

Required as indicated below, unless already accomplished:

**Within at the next 100 hour inspection or three calendar months after the effective date of this AD:**

**3.1. INSPECTION / REPLACEMENT**


- 3.1.1. Perform an inspection for crack damage in the applicable stabilizer-trim attachment and structural components. No cracks are permitted.
- 3.1.2. If during the inspection required by paragraph 3.1.1 cracks are found, prior to further flight, replace any crack damaged components.
- 3.1.3. Replace any Fairchild type connecting pieces Part Number (P/N) 6232.0026.xx installed in (CONFIG 2) aircraft with PILATUS type connecting pieces without inspection.

Note:

The P/N of PILATUS and Fairchild type connecting pieces P/N 6232.0026 and the bearing supports 6304.0023 usually have more than eight numbers. The last one or two digits of the part numbers can be different from item to item.

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FOCA AD <b>HB-2005-080</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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#### 4. PARTS INSTALLATION:

**As of the effective date of this AD, no person shall install:**

- 4.1. Any **Fairchild** type connecting pieces P/N 6232.0026.xx.
- 4.2. Any horizontal stabilizer held as spare unless it has been identified, inspected and cracked components have been replaced in accordance with paragraph 4 of PILATUS PC-6 Service Bulletin No. 53-001.

#### 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):

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##### Manufacturer's Documentation

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- PILATUS PC-6 Service Bulletin No. 53-001, dated 16 February 2005
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The applicable manufacturer's documentation may be obtained directly from:

<b>PILATUS AIRCRAFT LTD.</b>	TEL No.: +41 41 619 6580
CH-6371 STANS, Switzerland	FAX No.: +41 41 619 6576
CUSTOMER LIASON MANAGER	Email: <a href="mailto:fodermatt@pilatus-aircraft.com">fodermatt@pilatus-aircraft.com</a>

#### 6. FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA) Design and Production (STEH) Maulbeerstrasse 9 CH-3003 Berne, Switzerland	FAX No.: +41 31 325 9324 (or) FAX No.: +41 31 322 5918
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