



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)		FOCA AD <b>HB-2006-400</b>
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	<b>28 September 2006</b>	<b>Pilatus – PC-6</b> FOCA TC/TCDS No: F56-10 ATA 57 – WINGS

Issue date: 21 September 2006

**Subject: WING STRUT FITTING – Inspection, Replacement**

**Superseded / Revised ADs:** Not applicable

## 1. APPLICABILITY:

### **PILATUS AIRCRAFT LTD.**

All Model PC-6 Series airplanes, Manufacturer Serial Number (MSN) 101 thru MSN 949 inclusive and MSN 951 and all Model PC-6 Series airplanes, manufactured by Fairchild Industries, MSN 2001 thru MSN 2092 inclusive.

## 2. REASON:

This Airworthiness Directive (AD) is prompted due to the discovery of exfoliation corrosion in the fittings of some PC-6 airplanes. These fittings are installed exterior to the bottom skin of the wing skin. Undetected corrosion in this area could lead to failure of the fitting and subsequent loss of control of the airplane.

In order to correct and control the situation, this AD requires a one time inspection of the wing strut fitting and the replacement of corroded wing strut fittings with new retrofit wing strut fittings.

## 3. COMPLIANCE / ACTION:

Required as indicated below, unless already accomplished:

**Within the next 12 calendar months after the effective date of this AD:**

### **3.1. INSPECTION / REPLACEMENT OF CORRODED FITTINGS**

3.1.1. Perform an inspection required by paragraph 3. B. (2) of PILATUS PC-6 Service Bulletin No. 57-003 of the fittings Part Number (P/N) 6102.0041.00, P/N 111.35.06.055 or P/N 111.35.06.056 for signs of corrosion. Minor surface corrosion is permitted according to the Repair and Overhaul Manual (ROM) (Report No. 1391), Chap. 2 and 4. Corrosion outside these limits are not permitted.

3.1.2. If during the inspection required by paragraph 3.1.1. of this AD any minor surface corrosion is found, prior to further flight, remove the minor surface corrosion (Ref. ROM. Chap. 2 and 4).

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3.1.3. If during the inspection required by paragraph 3.1.1. of this AD any corrosion out of limits is found (Ref. ROM. Chap. 2 and 4), prior to further flight, replace the fittings in accordance with paragraph 4. of PILATUS PC-6 Service Bulletin No. 57-003 with new (retrofit) fittings P/N 111.35.06.185 and/or P/N 111.35.06.186.

#### 4. 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 of Civil Aviation (FOCA):

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##### Manufacturer's Documentation

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- PILATUS PC-6 Service Bulletin No. 57-003, dated 13 June 2006.
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The applicable manufacturer's documentation may be obtained directly from:

**PILATUS AIRCRAFT LTD.**

CUSTOMER LIASON MANAGER  
CH-6371 STANS, Switzerland

TEL No.: +41 41 619 6580

FAX No.: +41 41 619 6576

Email: [fodermatt@pilatus-aircraft.com](mailto:fodermatt@pilatus-aircraft.com)

#### 5. FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE OF CIVIL AVIATION (FOCA)

Design and Production (STEH)  
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