



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD <b>HB-2011-002</b>
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	<b>24 May 2011</b>	<b>Pilatus – PC-21</b> FOCA TC/TCDS No: F 56-35

**Issue Date:** 10 May 2011

**ATA Chapter:** ATA 71 – Power Plant

**Subject:** **Power Plant – Shock Mounting Bolts – Identification**

**Supersedure / Revised AD(s):** Not applicable

**Type Certificate Holder's Name:** Pilatus Aircraft Ltd.

**Manufacturer(s):** Pilatus Aircraft Ltd.

**Applicability:** Model PC-21 aircraft, Manufacturer Serial Numbers (MSN) 101 through MSN 127 inclusive.

**Reason:** This Airworthiness Directive (AD) is prompted due to the discovery of a engine shock mount bolt which had lost the cadmium plating at some locations. The bolt has been traced to a certain batch and is manufactured with a vacuum plating process. Due to the damaged bolt surface, the possibility of corrosion is increased.

Such a condition, if left uncorrected, could lead to failure of the bolt and will prejudice the structural integrity of the aircraft.

In order to correct and control the situation, this AD requires a one-time check of the engine shock mount bolt batch numbers and, if necessary, the replacement of the affected bolts.

**Required Action(s) and Compliance Time(s):** Required as indicated below, unless already accomplished:

- (1) At the next planned annual inspection but not later than 12 month after the effective date of this AD, check the batch number of the engine shock mount bolts (P/N 571.20.21.066) as required by paragraph (§) 3.B. of PILATUS PC-21 Service Bulletin No. 71-005.
- (2) If during the inspection required by § (1) of this AD, bolts with the batch number 415196 are found, prior to further flight, replace the affected bolts in accordance with (§) 3.C. of PILATUS PC-21 Service Bulletin No. 71-005.
- (3) After the effective date of this AD, engine shock mount bolts with batch number 415196 shall not be installed on any aircraft.

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FOCA AD  
**HB-2011-002**

**Ref. Publication(s):** PILATUS PC-21 Service Bulletin No. 71-005, initial issue.

The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.

**For further information contact:** The applicable manufacturer's documentation may be obtained directly from:

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