



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2009-006
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	26 May 2009	Pilatus – PC-7 MkII FOCA TC/TCDS No: F56-25

Issue Date: 12 May 2009

ATA Chapter ATA 53 – Fuselage

Subject: **Fuselage – Engine Mounting Frame Attachment Fittings – Inspection**

Supersedure / Revised AD(s): Not applicable

Type Certificate Holder's Name: Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-7 MkII aircraft, all Manufacturer Serial Numbers (MSN).

Reason: This Airworthiness Directive (AD) is prompted due to reported corrosion on the bolts and in the bores of the attachment fittings for the engine mounting frame. The corrosion is caused by damaged cadmium plating of the bolts or damaged surface finish of the attachment fitting.

Such a condition, if left uncorrected, could lead to crack initiation at the bolt and the fitting bore and subsequently to the failure of the engine attachment fitting.

In order to correct and control the situation, this AD requires a visual inspection of the relevant bolts and fittings. Additionally, the replacement of the bolts is required.

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

- (1) For aircraft which have accumulated more than 5000 Total Hours Time-In-Service (TIS) or 5 years from the date of manufacture, perform a visual inspection of the bolts and the bores (with boroscope) of the attachment fittings for the engine mounting frame as required by § 3.A of PILATUS PC-7 MkII Service Bulletin No. 53-008, within 6 months after the effective date of this AD. If no corrosion is found, only the replacement of the bolts is required.

Note 1: The repeat inspections will be included in the Chapter 5 of the Aircraft Maintenance Manual (AMM).

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- (2) If during the inspection required by § (1) of this AD, any signs of corrosion is found, prior to further flight, perform the corrective actions as required by § 3.A.(3) of PILATUS PC-7 MkII Service Bulletin No. 53-008.

Ref. Publication(s): PILATUS PC-7 MkII Service Bulletin No. 53-008, 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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