



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2010-002
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	12 February 2010	Pilatus – PC-9 FOCA TC/TCDS No: F 56-22

Issue Date: 29 January 2010

ATA Chapter: ATA 53 – Fuselage

Subject: **Fuselage – Upper Left Longeron And Chafing Plates – Inspection**

Supersedure / Revised AD(s): Not applicable

Type Certificate Holder's Name: Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-9 aircraft, Manufacturer Serial Numbers (MSN) 101 through MSN 248, and MSN 501 through MSN 567 inclusive.

Reason: This Airworthiness Directive (AD) is prompted due to the discovery of galvanic corrosion on the upper left longeron. The corrosion was found underneath the chafing plates for the canopy door latches.

Such a condition, if left uncorrected, could lead to failure of the longeron and will prejudice the structural integrity of the aircraft. In order to correct and control the situation, this AD requires a one time inspection of the upper left longeron structure for signs of corrosion and the installation of new, more robust, chafing plates.

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

- (1) Within the next 120 days after the effective date of this AD, perform a visual inspection of the left upper longeron for signs of corrosion in the area of the chafing plates as required by paragraph (§) 3.B.(2)(c) of PILATUS PC-9 Service Bulletin No. 53-012.
- (2) If during the inspection required by § (1) of this AD, any signs of corrosion are found, prior to further flight, remove the corrosion according the instructions provided by § 3.B.(2)(d) to (i) of PILATUS PC-9 Service Bulletin No. 53-012. If the corrosion damage is out of limits, record the values and apply to Pilatus for a repair scheme.
- (3) Install the improved chafing plates P/N 553.20.09.326 and P/N 553.20.09.327 in accordance with the instructions provided by § 3.B.(3) of PILATUS PC-9 Service Bulletin No. 53-012.

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- (4) After the effective date of this AD, no-one should install chafing plate P/N 553.20.09.206 or P/N 553.20.09.207 on any post SB No. 53-012 aircraft as defined in the applicability paragraph.

Ref. Publication(s): PILATUS PC-9 Service Bulletin No. 53-012, 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:

PILATUS AIRCRAFT LTD.
Customer Technical Support (MCC)
P.O. Box 992
CH-6371 Stans, Switzerland

Tel.: +41 (0)41 619 33 03 Fax: +41 (0)41 619 67 73
E-mail: Techsupport@pilatus-aircraft.com

For further information contact:

FEDERAL OFFICE OF CIVIL AVIATION (FOCA)
Design and Production (STEH)
CH-3003 Bern, Switzerland

Fax: +41 (0) 31 322 59 18
E-mail: airdir@bazl.admin.ch