



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2013-009
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	21 October 2013	Pilatus – PC-7 FOCA TC/TCDS No: F 56-20

Issue Date: 07 October 2013

ATA Chapter: ATA 24 – Electrical Power

Subject: **Electrical Power / Electrical Harness in the Engine Compartment – Inspection**

Supersedure / Revised AD(s): Not applicable

Type Certificate Holder's Name: Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-7 aircraft, Manufacturers Serial Numbers (MSN) 101 through MSN 618.

Reason: This Airworthiness Directive (AD) is prompted due to a report of chafing of the wiring harness attached to the engine mounting frame on the RH side of the engine compartment. Due to the limited space available in this area the wiring harness can chafe against the RH flexible duct for the condenser.

Such a condition, if left uncorrected, could lead to a short circuit which could cause a fire in the engine compartment.

In order to correct and control the situation, this AD requires a one-time inspection of the wiring harness and flexible duct of the condenser for chafing. If major damage is found, the damaged parts must be replaced. If minor damage is found, this AD requires the installation of a protective sleeve on the wiring harness.

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

- (1) Within the next 90 days after the effective date of this AD, perform a visual inspection of the wiring harness and the flexible duct in the engine compartment for signs of chafing as required by paragraph (§) 3.B.(3) and (5) of PILATUS PC-7 Service Bulletin No. 24-009.
- (2) If during the inspection required by § (1) of this AD, any signs of chafing and are found, prior to further flight, perform the corrective actions according to the instructions provided by § 3.B.(3), (6) and (7) of PILATUS PC-7 Service Bulletin No. 24-009.

Lufttüchtigkeitsanweisung (LTA)
Consigne de Navigabilité (CN)
Direttive sulla Navigabilità (DN)
Airworthiness Directive (AD)

FOCA AD
HB-2013-009

Ref. Publication(s): PILATUS PC-7 Service Bulletin No. 24-009, 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 67 74 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