



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2014-006
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	26 November 2014	Pilatus – PC-7 MkII FOCA TC/TCDS No: F 56-25

Issue Date: 12 November 2014

ATA Chapter: ATA 21 – Air Conditioning

Subject: **Air Conditioning – De-Fog System Air Conditioning Hoses – 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, Manufacturer Serial Numbers (MSN) 010, MSN 101 through MSN 160 (Pre Service Bulletin 21-008 only), MSN 601 through MSN 604, MSN 608 through MSN 616 and MSN 675 through MSN 738.

and

All air conditioning hoses with Part Numbers (P/N) 917.97.28.202, P/N 917.97.28.206 and P/N 917.97.28.210 held as spare or in stock.

Reason: This Airworthiness Directive (AD) is prompted because some Environmental Control System (ECS) air hoses have experienced delamination due to inadequate manufacturing quality and design based on old technology.

Such a condition, if left uncorrected, could lead to a collapse of delaminated ECS air hoses, which can possibly impair the forward vision from the cockpit.

In order to correct and control the situation, this AD requires a one-time inspection to identify the ECS air hoses and the replacement of all “type 984” hoses held in stock or installed in an aircraft.

NOTE: The affected ECS air hoses are collectively termed “type 984” hoses because of their manufacturer’s designation.

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 an inspection of the ECS air hoses held in stock or installed in an aircraft as defined by paragraph (§) 3.B. of PILATUS PC-7 MkII Service Bulletin No. 21-009.

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- (2) If during the inspection as required by § 1 of this AD any “type 984” ECS air hoses (in dark grey colour) are found, replace such ECS air hoses as defined by § 3.B.(3) of PILATUS PC-7 MkII Service Bulletin No. 21-009.
- (3) After the effective date of this AD, no person shall install any “type 984” ECS air hose in replacement of the mentioned P/Ns in any aircraft.

Ref. Publication(s): PILATUS PC-7 MkII Service Bulletin No. 21-009, 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:

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P.O. Box 992
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