



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2014-005
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	26 November 2014	Pilatus – PC-9 FOCA TC/TCDS No: F 56-22

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: Models PC-9, PC-9/A, PC-9/B and PC-9/F aircraft, Manufacturer Serial Numbers (MSN) 101 and MSN 102 and MSN 104 through MSN 173, MSN 176, MSN 180 through MSN 182, MSN 186 through MSN 188, MSN 192 through MSN 211, MSN 213 through MSN 219, MSN 221 through MSN 248, MSN 501 through MSN 567.

and

All air conditioning hoses with Part Numbers (P/N) 521.20.09.106, P/N 521.20.09.172, P/N 521.20.09.173, P/N 521.20.09.342, P/N 917.97.28.202, P/N 917.97.28.206, P/N 917.97.28.210, P/N 917.97.28.227, P/N 959.90.10.311 and P/N 959.90.10.315, 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.

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**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.(1) or § 3.B.(2) or § 3.B.(3) of PILATUS PC-9 Service Bulletin No. 21-006.
- (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.(1) (d) or § 3.B.(2) (d) or § 3.B.(3) (c) of PILATUS PC-9 Service Bulletin No. 21-006.
- (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-9 Service Bulletin No. 21-006, 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

E-mail: airdir@bazl.admin.ch

Referenced Publications:

[PIATUS PC-9 Service Bulletin No. 21-006](#)

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