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| Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD) | | FOCA AD HB-2019-001 |
| Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date | 21 January 2019 | Pilatus – PC-21 FOCA TC/TCDS No: F 56-35 |

Issue Date: 07 January 2019

ATA Chapter: ATA 21 – Air Conditioning

Subject: **Air Conditioning – RH P3 Pipe Assembly – Inspection**

Supersedure / Revised AD(s): None

Type Certificate Holder's Name: Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-21 aircraft, Manufacturers Serial Numbers (MSN) 101 through MSN 313 that have 750 Flight Hours (FH) or more.

Definitions: For the purpose of this AD, the following definitions apply:

The Service Bulletin (SB):
Pilatus Aircraft Ltd SB No. 21-007.

Affected part:
RH P3 pipe assembly, having Part Number (P/N):
P/N: 959.90.21.143
P/N: 959.90.21.156

Reason: An in-service incident occurred where a P3 duct at the engine mounting point became detached.

This condition, if not detected and corrected, could lead to a reduction in available engine power which could lead to a restriction of the performance range of the aircraft.

To address this potential unsafe condition, Pilatus Aircraft Ltd. issued the SB to provide applicable inspection instructions.

For the reason described above, this Airworthiness Directive (AD) requires a one-time inspection of the RH P3 pipe assembly and, depending on findings, accomplishment of applicable corrective action(s).

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**Required Action(s)
and Compliance
Time(s):**

Required as indicated below, unless already accomplished:

Within the next 90 days after the effective date of this AD:

Inspection:

- (1) Perform a one-time penetrant Non Destructive Test (NDT) inspection of the RH P3 pipe assembly for cracks around the pipe/flange interface where the duct is attached to the engine in accordance with the instructions of Section 3.B of the SB.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, any cracks in a RH P3 pipe assembly are found, as defined in the SB, before next flight, contact PILATUS for a repair solution.

Note: Repetitive inspections of the RH P3 pipe assembly will be included in the Chapter 05 of the Aircraft Maintenance Manual (AMM).

Ref. Publication(s):

Pilatus Aircraft Ltd. SB No. 21-007 original issue dated 27 November 2018.

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:

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