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| Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD) | | FOCA AD HB-2014-002 |
| Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date | 02 October 2014 | Pilatus – PC-9 FOCA TC/TCDS No: F 56-22 |

Issue Date: 18 September 2014

ATA Chapter: ATA 52 – Doors

Subject: **Doors – Canopy Hinge Attachment Rivnuts – 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, all Manufacturer Serial Numbers (MSN), if equipped with a canopy assembly with Serial Number (S/N) 6446, 6447, 6451, 6452, 6542 through 6545 and 6547 through 6552 originally delivered as spares.

Reason: This Airworthiness Directive (AD) is prompted due to a report that rivnuts in the canopy hinge attachments have not been correctly installed.

Such a condition, if left uncorrected, could lead to a canopy frame detaching from the hinge in flight, possibly resulting in reduced controllability of the aircraft.

In order to correct and control the situation, this AD requires a one-time check to identify the S/N of the canopy held in stock or installed in an aircraft and in case of a positive finding according to this AD, a borescope inspection of the canopy frame and corrective actions, if necessary.

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

NOTE 1: all steps of this AD must be performed within the next 365 days after the effective date of this AD. It is allowed to divide the individual steps of this AD over the year without the need of grounding the aircraft.

- (1) Identify the S/N of the canopies held in stock or installed in an aircraft. If no canopies with a S/N as referenced in this AD are found, no further action is needed.
- (2) If during the identification as required by paragraph (§) 1 of this AD any canopies with a S/N as referenced in this AD are found, perform a borescope inspection of the interior of the canopy frame as defined by § 3.B. of PILATUS PC-9 Service Bulletin No. 52-006. No rivnuts in cylindrical shape without a bulge are allowed.

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- (3) If during the inspection as required by § (2) of this AD any rivnuts in cylindrical shape without a bulge are found, within the completion time of 365 days after the effective date of this AD or before the installation into an aircraft, continue with the rivnut installation process as required by § 3.C to 3.E of PILATUS PC-9 Service Bulletin No. 52-006.

Ref. Publication(s): PILATUS PC-9 Service Bulletin No. 52-006, 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:

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