



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2016-005
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	02 August 2016	Pilatus – PC-7 MkII FOCA TC/TCDS No: F 56-25

Issue Date: 19 July 2016

ATA Chapter: ATA 24 – Electrical Power

Subject: **Electrical Power – Rear GPS Mounting Rack – Wiring Loom – 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, Manufacturers Serial Numbers (MSN) 685 through MSN 764.

Reason: This Airworthiness Directive (AD) is prompted due to a report of chafing of the wiring loom installed adjacent to the backplate of the rear GPS-500 mounting rack.

Such a condition, if left uncorrected, could lead to chafing of the wiring loom on the rear GPS-500 backplate resulting in damage of the wire insulation.

In order to correct and control the situation, this AD requires a one-time visual inspection to the wiring loom adjacent to the backplate of the rear GPS-500 mounting rack for signs of chafing and, if necessary, the repair or replacement of damaged wires and the installation of a protective sleeve on the wiring loom.

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

- (1) Within the next annual inspection after the effective date of this AD, perform a visual inspection of the wiring loom adjacent to the backplate of the rear GPS-500 mounting rack as required by paragraph (§) 3.B. (1) of PILATUS PC-7 MkII Service Bulletin No. 24-006. No signs of chafing are permitted.
- (2) If during the inspection required by § (1) of this AD, any signs of chafing of the wiring loom adjacent to the backplate of the rear GPS-500 mounting rack are found, prior to further flight, perform the corrective actions according to the instructions provided by § 3.B (2) to (4) of PILATUS PC-7 MkII Service Bulletin No. 24-006.

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Ref. Publication(s): PILATUS PC-7 MkII Service Bulletin No. 24-006, 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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