



Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Direttive sulla Navigabilità (DN) Airworthiness Directive (AD)		FOCA AD HB-2013-001
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	05 March 2013	Pilatus – PC-21 FOCA TC/TCDS No: F 56-35

Issue Date: 19 February 2013

ATA Chapter: ATA 61 - Propellers

Subject: **Propellers – Propeller Assembly Grease Leakage –
Cleaning/Inspection**

**Supersedure / Revised
AD(s):** Not applicable

**Type Certificate
Holder's Name:** Pilatus Aircraft Ltd.

Manufacturer(s): Pilatus Aircraft Ltd.

Applicability: Model PC-21 aircraft, Manufacturer Serial Numbers (MSN) 101 through MSN 154 with propeller assembly Part Number (P/N) 968.29.16.002 (HC-E5A-2) Serial Number (S/N) MG74 and lower which are not modified to Hartzell Service Bulletin HC-SB-61-339.

Reason: This Airworthiness Directive (AD) is prompted due to occurrences where grease is released from the propeller hub which contaminated the wind-screen.

Such a condition, if left uncorrected, could reduce the forward visibility from the front cockpit due to contaminated cockpit canopy.

In order to correct and control the situation, this AD requires after each flight an inspection of the propeller assembly for grease and oil leakage and in case of abnormal grease separation a detailed inspection of the propeller assembly.

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

- (1) Within the next 10 Flight Hours (FH) after the effective date of this AD perform the cleaning procedure as required by paragraph (§) 3.A of PILATUS PC-21 Service Bulletin No. 61-001 Revision 1.
- (2) After accomplishment of § (1) of this AD and thereafter after every flight, inspect the propeller for grease and oil leakage and the spinner and the cockpit canopy for contamination as required by (§) 3.B. of PILATUS PC-21 Service Bulletin No. 61-001 Revision 1. No abnormal grease separation in excess of that described in (§) 3.B. (1) (b) and (c) of PILATUS PC-21 Service Bulletin No. 61-001 Revision 1 is allowed.

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- (3) If during the inspection required by § (2) of this AD, leakage is found which is more than the expected break-in leakage or normal grease leakage limits, prior to further flight, perform the inspection procedure in accordance with (§) 3.C. of PILATUS PC-21 Service Bulletin No. 61-001 Revision 1.

Ref. Publication(s): Pilatus PC-21 Service Bulletin No. 61-001, Revision 1.

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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