FOCA AD Bundesamt für Zivilluftfahrt (BAZL) Lufttüchtigkeitsanweisung (LTA) Office fédéral de l'aviation civile (OFAC) Consigne de Navigabilité (CN) Ufficio federale dell'aviazione civile (UFAC) Prescrizione di Aeronavigabilità (PA) Federal Office for Civil Aviation (FOCA) **Airworthiness Directive (AD)** HB 2000-008 Maulbeerstasse 9 CH-3003 Berne Switzerland Inkraftsetzung PC-12 Series Mise en vigueur 17.01.2000 Entrata in vigore FOCA TC No.: F 56-30 Effective Date

# Betroffene Muster - Types concernés - Applicabilità - Models affected PILATUS AIRCRAFT LTD.

All Model PC-12 and PC-12/45 airplanes from MSN 101 up to and including MSN 320, equipped with windshields PILATUS P/N: 959.81.10.107 LH and 959.81.10.108 RH (PPG P/N: NP172121-5 LH and NP172121-6 RH).

**NOTE**: The windshields can be identified by the presence of three imbedded temperature sensors on the outboard edge of the windshield.

Anlass / Massnahmen - Objet / Mesures - Oggetto / Pipowedimenti - Subject / Action

WINDSHIELD HEATER OPERATION • Insertion Temporary Revision into POH/AFM.

Placate installation.

Fristen - Délais- Scadenza - Compliance Délais- Scadenza - Complia

Required within 30 days after the effective are of Mis Airworthiness Directive.

Herkunft - Provenance - Provenienza - Offigin

FOCA Airworthiness Directive.

#### Bezugnahme - Référence - Riferimento - Reference

 Pilatus PC-12 Pilot's Operating Handbook – POH /AFM Temporary Revision No.14, dated December 17,1999.

The applicable manufacturer's documentation may be obtained directly from:

**PILATUS AIRCRAFT LTD** 

CUSTOMER LIAISON MANAGER

CH-6371 STANS TEL. No.: +41 41 619 6319 SWITZERLAND FAX No.: +41 41 619 6224

#### Bemerkungen - Observations - Osservazioni - Remarks

For details refer to page 2.

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HB 2000-008

Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

HB 2000-008

PILATUS AIRCRAFT LTD. — PC-12 and PC-12/45 WINDSHIELD HEATER OPERATION — POH/AFM Temp.Rev.

# **Applicability:**

#### PILATUS AIRCRAFT LTD.

All Model PC-12 and PC-12/45 airplanes from MSN 101 up to and including MSN 320, equipped with windshields PILATUS P/N: 959.81.10.107 LH and 959.81.10.108 RH (PPG P/N: NP172121-5 LH and NP172121-6 RH).

NOTE:

The windshields can be identified by the presence of three imbedded temperature sensors

on the outboard edge of the windshield.

Effective Date: January 17, 2000.

## Reason:

Intermittent tripping of the windshield heater circuit breaker (30A) has been experienced during prolonged operation of the windshield heating system in the 'LIGHT' mode on aircraft having the enlarged heated area windshield. This is caused by a power consumption close to the limiting value of the circuit breaker. Tripping of the circuit breaker renders the complete windshield heating powerless, which then could lead to icing of the windscreen.

This Airworthiness Directive (AD) requires the amendment of the Limitations Section of the PC-12 Pilot's Operating Handbook with a Temporary Revision and the installation of a placard on the DE-ICING panel, prohibiting the operation of the windshield heating system in the "LIGHT" mode. This is considered a interim action until a corrective modification can be introduced.

**Note:** De-Icing the windscreen in the 'HEAVY' mode (reduced area) is not affected by this limitation.

### Compliance:

( Required as indicated, unless already accomplished )

To prevent ice accumulation due to loss of electrical power to the windshield heating, accomplish the following:

- (a) Required within 30 days after the effective date of this Airworthiness Directive;
- (1) Insert Temporary Revision No.14 into the Limitations Section (Section 2) of the PC-12 Pilot's Operating Handbook (POH/AFM) to include the following \*statement and operate aircraft accordingly.

\*Operation of the DE ICING LH WSHLD and RH WSHLD switch to the LIGHT position is prohibited.

(2) Install the placard delivered with POH/AFM Temp Rev. No.14 on the DE ICING panel, to the right of the RH WSHLD switch positioned between the landing gear indications and the silencer switch.

#### FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)

Type Certification Section (FM),

Maulbeerstrasse 9

CH-3003 Berne, Fax (+41) 31 325 8051 (or) Switzerland Fax (+41) 31 322 5918

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