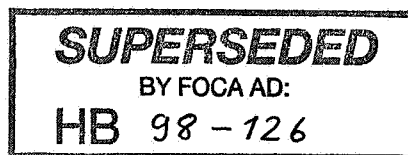


Lufttüchtigkeitsanweisung
Consigne de navigabilité
Prescrizione di aeronavigabilità
Airworthiness directive

HB 97-432A

Inkraftsetzung
Mise en vigueur
Entrata in vigore
Effective Date

30.09.1997



Betroffene Muster - Types concernés - Applicabilità - Models affected

PILATUS AIRCRAFT LTD. - Model PC-12 and PC12/45 airplanes,
Manufacturers Serial Numbers : MSN 101 up to and including MSN 186.

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

FUEL TANK INWARD VENT VALVES - Replacement

Fristen - Délais - Scadenza - Compliance

Within the next 10 hours time-in-service (TIS) after the effective date of this AD, unless accomplished previously.

Herkunft - Provenance - Provenienza - Origin

FOCA AD.

Bezugnahme - Référence - Riferimento - Reference

- **PILATUS PC-12 Service Bulletin No.: 28-003 Rev.1, dated September 30,1997.**

The applicable Service Bulletin may be obtained directly from :

PILATUS AIRCRAFT LTD
MARKETING SUPPORT DEPARTMENT
CH-6370 STANS
SWITZERLAND

TEL. No.: +41 41 6196 233
FAX No.: +41 41 6103 351

Bemerkungen - Observations - Osservazioni - Remarks

Note:

This AD (Revision A) revises and replaces the previous issue of FOCA AD HB 97-432, effective September 22, 1997, and requires compliance in accordance with **Revision 1** of PILATUS PC-12 Service Bulletin 28-003, dated September 30,1997. The revised Service Bulletin includes a warning note to ensure that the modified vent valve is fitted in the correct direction. (Arrow leading to the aircraft).

For detailed informations refer to page 2.

Rechtsmittelbelehrung
Voies de droit
Rimedi giuridici
Right to appeal

siehe TM Nr.
voir CT no.
vedi CT no.
see CT no.

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FOCA AD
HB 97-432A
Revises HB 97-432

Lufttüchtigkeitsanweisung
Consigne de navigabilité
Prescrizione di aeronavigabilità
Airworthiness directive



BAZL Schweiz
OFAC Suisse
UFAC Svizzera
FOCA Switzerland

HB 97-432A PILATUS AIRCRAFT LTD. - PC-12 and PC-12/45
FUEL TANK INWARD VENT VALVES - Replacement

Applicability

PILATUS AIRCRAFT LTD. - Model PC-12 and PC12/45 airplanes,
Manufacturers Serial Numbers : MSN 101 up to and including MSN 186.

Reason

This Airworthiness Directive (AD) is prompted by a report of abnormal automatic engagement of the fuel booster pumps during normal aircraft operation of a PC-12 airplane. Investigations revealed that under certain conditions the fuel tank inward vent valves may fail in the closed position. Moisture ingestion, followed by cold soak can lead to freezing of the fuel tank inward vent valve; resulting in an increase in the cracking pressure. This condition, if not corrected, could lead to airfoil distortion and potential structural damage due to deformation of the integral fuel tank surface, caused by excessive pressure differentials between the fuel tank and the outside atmosphere.

In order to correct the condition described this AD requires removal of the existing fuel tank inward vent valves and installation of modified vent valves.

Compliance :

Within the next 10 hours time-in-service (TIS) after the effective date of this AD, unless accomplished previously.

The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No.: 28-003 Rev.1, dated September 30, 1997.

FOR FURTHER INFORMATION CONTACT:

Federal Office for Civil Aviation (FOCA) Type Certification Section (FM), Maulbeerstrasse 9,
CH-3003 Berne, Switzerland / Facsimile (+ 41) 31 325 80 48

NOTE :

An exemption, deviation or extension of the compliance time may be used if approved by the National Airworthiness Authority.