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 98-126 Maulbeerstasse 9 CH-3003 Berne Switzerland Inkraftsetzung Supersedes: PC-12 Mise en vigueur HB 97-432A and HB 98-086 15.05.1998 Entrata in vigore FOCA TC No.: F 56-30 Effective Date

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

Model PC-12 and PC-12/45 airplanes.

Manufacturers Serial Numbers: MSN 101 through 230.

Anlass / Massnahmen - Objet / Mesures - Oggetto / Provvedimenti - Subject / Action FUEL STORAGE - VENT VALVE SYSTEM - Modification.

Fristen - Délais- Scadenza - Compliance

Required before August 31,1998 in accordance with the Accomplishment Instructions of Pilatus Service Bulletin PC-12 No.:28-005, dated May 04,1998.

Herkunft - Provenance - Provenienza - Origin

FOCA Airworthiness Directive

Bezugnahme - Référence - Riferimento - Reference

Pilatus PC-12 Service Bulletin No.: 28-005, dated May 04,1998.

The applicable Service Bulletin may be obtained directly from:

PILATUS AIRCRAFT LTD

MARKETING SUPPORT DEPARTMENT

CH-6370 STANS TEL. No.: +41 41 6196 233 SWITZERLAND FAX No.: +41 41 6103 351

Bemerkungen - Observations - Osservazioni - Remarks

- -For details refer to page 2.
- -Supersedes FOCA AD's: HB 97-432A and HB 98-086.

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	Nr. 02.020-80	Seite Page Pagina Page	e 1	von de di of	2
--	------------------	---------------------------------	-----	-----------------------	---

FOCA AD

HB 98-126

Supersedes HB 97-432A and HB 98-086 Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)



BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland

HB 98-126 PILATUS AIRCRAFT LTD. - PC-12 and PC-12/45

FUEL STORAGE - VENT VALVE SYSTEM - Modification.

Applicability:

PILATUS AIRCRAFT LTD. - Model PC-12 and PC-12/45 airplanes.

Manufacturers Serial Numbers: MSN 101 through MSN 230.

Effective Date: May 15,1998.

Reason:

This AD supersedes two existing Airworthiness Directives HB 97-432A and HB 98-086. FOCA AD HB 97-432A was 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 outside atmosphere conditions the fuel tank inward vent valves may fail in the closed position. This condition, if not corrected, could lead to permanent structural damage of the wing skin and ribs caused by creation of a partial vacuum in the fuel tank.

Subsequent to the installation of modified vent valves required by FOCA AD HB 97-432A another incident occured in which the inward vent valve of the fuel tank has frozen closed. As an interim measure and temporary solution PC-12 Service Bulletin No. 28-004 (FOCA AD 98-086) has been issued requiring modification of the fuel filler caps to provide an additional vent source.

In order to correct the condition described this AD HB 98-126 requires modification of the vent valve system, consisting of removal of the inward vent valves and installation of float valves and flame arrestors as well as sealing the holes in both fuel filler caps and removal of the Pilot's Operating Handbook Temporary Revision; Pilatus Report No.01973-001.

Compliance: (as indicated, unless accomplished previously)

Required before August 31,1998.

The actions required by this AD shall be done in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 28-005, dated May 04,1998.

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Type Certification Section (FM),
Maulbeerstrasse 9
CH-3003 Berne,
Fax (+41) 31 325 80 48.
Switzerland .

NOTE:

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

Rechtsmittelbelehrung Voies de droit Rimedi giuridici Right to appeal	siehe TM Nr. voir CT no. vedi CT no. see CT no.	02.020-80		Seite Page Pagina Page	2	von de di of	2	
--	--	-----------	--	---------------------------------	---	-----------------------	---	--