

Bundesamt für Zivilluftfahrt (BAZL) Office fédéral de l'aviation civile (OFAC) Ufficio federale dell'aviazione civile (UFAC) Federal Office for Civil Aviation (FOCA) Maulbeerstrasse 9 CH-3003 Berne Switzerland	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)	FOCA AD HB 2001-389R1
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS - PC-12 FOCA TC/TCDS No.: F 56-30 ATA 52	Revises HB 2001-389

Revision 1, issued 05 November 2001

TITLE: **PILATUS AIRCRAFT LTD. – PC-12
CARGO DOOR END FRAME LIGHTENING HOLES**

APPLICABILITY: PILATUS AIRCRAFT LTD.
(1) All PC-12 and PC-12/45 airplanes from Manufacturer Serial Numbers MSN 301 up to and including MSN 370.
(2) All PC-12 and PC-12/45 cargo doors held as spare.

EFFECTIVE DATE: This AD retains the 25 June 2001 effective date of FOCA AD HB 2001-389.

REASON:

It has been found on some PC-12 and PC-12/45 airplanes that there are cargo doors installed with lightening holes in the front and rear end frames having no reinforcing flange. This could result, in extreme cases, in cracks at the edges of the unflanged lightening holes.

In order to correct the condition described this Airworthiness Directive (AD) requires inspection of the cargo door to identify frames with plain lightening holes and installation of reinforcing plates as necessary to cover the plain lightening holes in the lower end of the door frame web.

This revision removes reference to the part numbers of the cargo doors and makes reference to the revised Service Bulletin which includes this change.

COMPLIANCE: (Required as indicated, unless already accomplished)

To prevent cracking at the edges of the unflanged lightening holes in the cargo door front and rear end frames accomplish the following:

(a) Required within the next three calendar months after the effective date of this Airworthiness Directive;


- (1) Inspect frames of the cargo door to identify lightening holes with plain rims in the front and rear frames. If lightening holes with flanges are found; no further action is required.
- (2) If during the inspection required by paragraph (a)(1) lightening holes without flanges are found; install reinforcing plates to cover the plain lightening holes in the lower end of the door frame web as specified in and in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 52-004 REV. No.1, dated September 10, 2001 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

(b) Spare Parts:

- (1) As of the effective date of this AD, no person shall install any cargo doors with plain lightening holes in the front and rear frames, on any Model PILATUS PC-12 Series airplane, unless the cargo door has been modified in accordance with PILATUS PC-12 Service Bulletin No. 52-004 REV. No.1, dated September 10, 2001 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

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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	1	von de di of	2
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FOCA AD HB 2001-389R1	Lufttüchtigkeitsanweisung (LTA) Consigne de Navigabilité (CN) Prescrizione di Aeronavigabilità (PA) Airworthiness Directive (AD)		BAZL Schweiz OFAC Suisse UFAC Svizzera FOCA Switzerland
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REF. PUBLICATIONS:

- PILATUS PC-12 Service Bulletin No. 52-004 REV No.1, dated September 10, 2001 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

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

PILATUS AIRCRAFT LTD

CUSTOMER LIAISON MANAGER
CH-6371 STANS, Switzerland

TEL No.: +41 41 619 6319
FAX No.: +41 41 619 6224
Email: pilga@pilatus-aircraft.com

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Type Certification (MZ)
Maulbeerstrasse 9
CH-3003 Berne, Switzerland

FAX No.: +41 31 325 8051 (or)
FAX No.: +41 31 322 5918

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