

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-2004-491
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS – B4-PC 11 FOCA TC/TCDS No: S 43-02 ATA 53 – FUSELAGE	Supersedes HB-2003-199R1

Issue date: 23 December 2004

Subject: CONTROL COLUMN SUPPORT ON FRAME 2 – INSPECTION / REPLACEMENT

Superseded/Revised ADs: HB-2003-199R1

1. APPLICABILITY:

PILATUS AIRCRAFT LTD.

All Model B4-PC 11, B4-PC 11A and B4-PC 11AF gliders.

2. REASON:

This Airworthiness Directive (AD) supersedes existing AD HB-2003-199R1, that currently requires an inspection and, if necessary, replacement of the control-column support.

FOCA AD HB-2003-199R1 was prompted by reports where during maintenance inspections the control-column support on frame 2 was found to be cracked. Complete failure of the support could lead to loss of airplane flight control.

To prevent failure of the primary flight control system the present AD HB-2004-491 retains the previous requirement and adds as a new requirement the repetitive inspection of the control-column support.

3. COMPLIANCE / ACTION:

Required as indicated below, unless already accomplished:


3.1. INSPECTION / REPLACEMENT

Before further flight after 04 April 2003 (the effective date of FOCA AD HB-2003-199R1), accomplish the following:

- 3.1.1. Inspect the control-column support P/N 112.35.11.072 for cracks. Do this specially in the areas of the upper and lower bend angles where the support is attached to Frame 2. No cracks are permitted.
- 3.1.2. If during the inspection in paragraph 3.1.1. cracks are found; before further flight, replace the support P/N 112.35.11.072 with a new part.

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3.2. REPETITIVE INSPECTION / REPLACEMENT

Within the next 60 days after 30 December 2004 (the effective date of this AD) accomplish the following:

- 3.2.1. Inspect the control-column support P/N 112.35.11.072 for cracks and repeat the inspection thereafter each 12 months in accordance with PILATUS B4-PC 11 Service Bulletin No. 1005 REV No. 2, dated 22 April 2004. Do this specially in the areas of the upper and lower bend angles where the support is attached to Frame 2. No cracks are permitted.
- 3.2.2. If during the inspection in paragraph 3.2.1. cracks are found; before further flight, replace the control-column support P/N 112.35.11.072 with a new support P/N 112.35.11.072.

4. REF. PUBLICATIONS:

The actions required by this AD shall be done in accordance with the manufacturer's documentation listed in this paragraph, and/or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA):

Manufacturer's Documentation

- PILATUS B4-PC 11 Service Bulletin No. 1005 REV No. 2, dated 22 April 2004.
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The applicable manufacturer's documentation may be obtained directly from:

PILATUS AIRCRAFT LTD	TEL No.: +41 41 619 6580
CUSTOMER LIAISON MANAGER	FAX No.: +41 41 610 3351
CH-6371 STANS, Switzerland	E-Mail: fodermatt@pilatus-aircraft.com

FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)
Design and Production (STEH)
Maulbeerstrasse 9
CH-3003 Berne, Switzerland

FAX No.: +41 31 325 9324 (or)
FAX No.: +41 31 322 5918

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