



Bundesamt für Zivilluftfahrt (BZL)  
Office fédéral de l'aviation civile (OFA)  
Ufficio federale dell'aviazione civile (UFA)  
Federal Office for Civil Aviation (FOA)

Lufttüchtigkeitsanweisung Nr.  
Consigne de Navigabilité no  
Prescrizione di aeronavigabilità no  
Airworthiness Directive No.

HB 36-041

Bern, 19.3.1986

Betrifft - Concerne - Oggetto - Subject

All Pilatus B4 PC-11 Gliders

Anlass/Massnahmen - Objet/Mesures - Motivo/Provvedimenti - Reason/Actions

Airbrake control linkage - Inspection for loose rivets in the linkage - Installation of a travel-stop on LH and RH airbrakes - Modification and repair if damage is found

Frist - Délai - Termine - Term

See Service Bulletin under 1.4 COMPLIANCE

Herkunft - Provenance - Provenienza - Origin  
Bezugnahme - Référence - Referenza - Reference

Pilatus B4 PC-11 Service Bulletin (SB) No. 1004

Bemerkungen - Remarques - Osservazioni - Remarks

PLANNING INFORMATION of SB is attached on pages 2 and 3 of this AD

Rechtsmittelbelehrung siehe FM TM-W 80.015-10

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Voies de droit, voir FM CT-I 80.015-10

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Rimedi giuridici, vedi FM CT-I 80.015-10

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Instructions about a person's right to appeal see FM CT-I 80.015-10

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	AIRCRAFT LTD. 6370 STANS, SWITZERLAND
	<b>SERVICE BULLETIN</b>
DATE: July 1985	NO: 1004

TITLE: AIRBRAKE MODIFICATION AND REPAIR TO CONTROL LINKAGE

1. PLANNING INFORMATION

1.1 EFFECTIVITY

A. AIRCRAFT AFFECTED

All PILATUS B4 PC-11 Gliders.

B. SPARES AFFECTED

None.

1.2 REASON

Two incidents have been reported on B4 PC-11 gliders as a result of airbrake mal-operation. This has caused the rivets attaching the airbrake operating lever to the flanged bush, to shear.

1.3 DESCRIPTION

This Service Bulletin provides details for carrying out the following:

- Installation of a travel-stop on LH and RH airbrakes.
- Inspection procedure to find out if damage has occurred to the following: the rivets securing the fork end attachment fittings to the airbrake control rods; the rivets securing the airbrake control lever to the flanged bush.
- Procedure for repairing damage, if found, to the fork end fittings and airbrake lever assembly.

1.4 COMPLIANCE

MANDATORY.

Travel Stops: Travel stops must be installed within 10 flying hours, in accordance with Para. 2.A. of this Service Bulletin.

Play Check: A check, in accordance with Para.2.B. of this Service Bulletin, of the amount of play in the airbrake control mechanism must be carried out within 10 flying hours.

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Inspection: A check in accordance with Para. 2.C. of this Service Bulletin must be carried out depending upon the results of the Play Check.

1.5 APPROVAL

The technical aspects of this Service Bulletin are approved as an AIRWORTHINESS DIRECTIVE (AD) by the Federal Office for Civil Aviation (FOCA) of Switzerland.

1.6 MANPOWER

The following approximate manhours are required to accomplish the following parts of this Service Bulletin:

- A. Installation of RH and LH travel stops: 2 manhours
- B. Play check: 1 manhour
- C. Inspection: 8 manhours
- D. Repair(s) to airbrake control linkage: upon investigations.

1.7 MATERIAL - COST AND AVAILABILITY

A. MATERIAL

Operators should forward orders for modification kits, quoting this Service Bulletin, aircraft serial number and flight hours to:

PILATUS AIRCRAFT LTD.  
Product Support Dept.  
CH 6370 STANS  
SWITZERLAND

B. BASIC COST

SFr. 285.-

NOTE: Material required under Para. 2.D. (repair procedure) to be ordered as required.

1.8 TOOLING

No special tools are required.

1.9 WEIGHT AND BALANCE

Not affected.

1.10 REFERENCE TO OTHER PUBLICATIONS

- Illustrated Parts Catalog (IPC)
- Maintenance and Repair Manual

1.11 PUBLICATIONS AFFECTED

- Illustrated Parts Catalog (IPC)
- Maintenance and Repair Manual