



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 HB 84-005  
Prescrizione di aeronavigabilità no  
Airworthiness Directive No.

Bern, 18.01.1984

Betrifft - Concerne - Oggetto - Subject

Pilatus PC-6 Porter/Turbo-Porter up to Serial No. 824

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

Landing flap mounting brackets - Inspection and replacement

Replacement part of SB No. 138 must be incorporated before introduction of this AD

Frist - Délai - Termine - Term

See Service Bulletin under I.D. COMPLIANCE

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

Pilatus Service Bulletin (SB) No. 139

Bemerkungen - Remarques - Osservazioni - Remarks

PLANNING INFORMATION of SB is attached on pages 2, 3 and 4 of this AD

Rechtsmittelbelehrung siehe FM TM-W 80.015-10

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

Rimedi giuridici, vedi FM CT-I 80.015-10

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

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<b>PILATUS</b> AIRCRAFT LTD. 8370 STANS, SWITZERLAND	
	<b>SERVICE BULLETIN</b>
DATE: 15.6.1983	NO: 139

TITLE: LANDING FLAP MOUNTING BRACKETS - INSPECTION AND REPLACEMENT.

NOTE: THE REPLACEMENT PART OF THIS SERVICE BULLETIN CAN ONLY BE INCORPORATED AFTER SERVICE BULLETIN N°138 HAS BEEN INCORPORATED.

1. PLANNING INFORMATION

A. EFFECTIVITY

1) AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter models up to and including Aircraft Manufacturer's Serial N° (MSN) 824.

NOTE: This Service Bulletin will be incorporated prior to delivery on aircraft MSN 825 and subsequent.

2) SPARES AFFECTED

Flap mounting brackets P/N 6100.0011.00 (modified by SB N°138); superseded by bracket P/N 111.35.06.132.

Flap mounting bracket P/N 6100.0011.52 (applicable to aircraft MSN 816 and subsequent); superseded by bracket P/N 111.35.06.121.

Spare wings held in Operators' stores up to and including Serial N° 409L and 409R on which SB N° 138 has been incorporated. Required replacement brackets are P/N 111.35.06.132.

Spares wings Serial N° 410L and 410R and subsequent. Required replacement brackets are P/N 111.35.06.121.

B. REASON

Two instances have occurred of cracks being found in the landing flap mounting bracket in the vicinity of the flap attachment bolt hole. In both instances, the aircraft involved were being used intensively in the para-dropping role and the cracks are almost certainly attributable to fatigue caused by aircraft overspeeding.

C. DESCRIPTION

This Service Bulletin gives the procedures for the inspection of the brackets for cracks, and for the replacement of the affected brackets.

D. COMPLIANCE

Inspection: MANDATORY (Airworthiness Directive).  
Replacement: Recommended.

On aircraft and spare wings with more than 1,000 flight hours, the inspection part of this Service Bulletin must be carried out at or before the next Periodic (100 Hr.) Inspection and at each subsequent Periodic (100 Hr.) Inspection until replacement of the mounting brackets has been carried out.

E. APPROVAL

This Service Bulletin is approved by the Federal Office for Civil Aviation (F.O.A.) of Switzerland. The Inspection part of the Service Bulletin is approved as an AIRWORTHINESS DIRECTIVE.

F. MANPOWER

This Service Bulletin may be accomplished in approximately 5 manhours.

G. MATERIAL - COST AND AVAILABILITY

1) MATERIAL

Operators should forward orders for replacement landing flap support brackets quoting this Service Bulletin, to:

PILATUS AIRCRAFT LTD.  
Product Support Dept.  
CH 6370-Stans  
Switzerland.

2) COST

Mounting Bracket P/N 111.35.06.121 - SFr. 1,203 Each  
Mounting Bracket P/N 111.35.06.132 - SFr. 1,203 Each.

H. TOOLING

None.

I. WEIGHT AND BALANCE

Not affected.

J. REFERENCE TO OTHER MANUALS

None.

K. PUBLICATIONS AFFECTED

Illustrated Parts Catalog.