



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 84-180

Bern, 27.12.1984

Betrifft - Concerne - Oggetto - Subject

All Pilatus PC-6 Porter and Turbo-Porter up to S/N 826 except S/N 524, 676, 707, 710 and 816

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

Vertical stabilizer - Inspection of the cap angles - Modification - Replacement of existing gusset plates with new gusset plates

Frist - Délai - Termine - Term

See Service Bulletin under D. COMPLIANCE

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

Pilatus Service Bulletin (SB) No. 142

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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| PILOTUS AIRCRAFT LTD. 6370 STANS, SWITZERLAND | |
|  | SERVICE BULLETIN |
| ISSUE DATE December 1984 | NO: 142 |

TITLE: VERTICAL STABILIZER - REPLACE GUSSET PLATES AT RUDDER HINGE ATTACHMENT POINTS

1. PLANNING INFORMATION

A. EFFECTIVITY

1) AIRCRAFT AFFECTED

All PC-6 Porter and Turbo-Porter aircraft up to and including Manufacturer's Serial N° (MSN) 826 with the exception of aircraft included in NOTE below.

NOTE: This Service Bulletin has been incorporated on aircraft MSN 524, 676, 707, 710 and 816, and will be incorporated prior to delivery on aircraft MSN 827 and subsequent.

2) SPARES AFFECTED

Removable vertical stabilizer (P/N 6301.0040.00 or 113.35.06.001) held as spare should be modified before installation.

B. REASON

An incident has been reported of the LH and RH cap angles on the vertical stabilizer cracking at the rudder hinge attachment points.

C. DESCRIPTION

Accomplishment of this Service Bulletin consists of:

- inspecting the cap angles
- removing the existing gusset plates
- installing the new gusset plates.

D. COMPLIANCE

MANDATORY.

Inspection: All aircraft should be inspected immediately after receipt of this Service Bulletin.

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Modification: On aircraft on which no cracks are discovered, this Service Bulletin should be incorporated at or before the next 100 hour servicing.

On aircraft on which cracks are discovered, this Service Bulletin should be embodied immediately as part of the rectification.

E. APPROVAL

The technical aspects of this Service Bulletin are approved as an Airworthiness Directive (AD) by the Swiss Federal Office for Civil Aviation.

F. MANPOWER

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

- Inspection: 2.0 manhours
- Modification: 3.0 manhours

G. MATERIAL - COST AND AVAILABILITY

1) MATERIAL

Affected Operators should forward orders for modification kits, referring to this Service Bulletin, to:

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

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the aircraft MSN, Flying Hours and Landings of the aircraft for which kits are being ordered.

2) COST

Mod. kit SFr. 75.-

Sales terms stated apply for a period of 6 months from the original issue date of this Service Bulletin. Beyond this period, sales terms are liable to be revised.

3) AVAILABILITY

Mod. kits will be dispatched within 90 days of receipt of order.

H. TOOLING - PRICE AND AVAILABILITY

None.

I. WEIGHT AND BALANCE

Not affected.

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J. ELECTRICAL LOAD DATA

Not affected.

K. REFERENCE TO OTHER PUBLICATIONS

PC-6 Service Manual.

L. PUBLICATIONS AFFECTED

Illustrated Parts Catalogue (IPC).