

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-2004-329
Inkraftsetzung Mise en vigueur Entrata in vigore Effective Date	PILATUS - PC-12 FOCA TC/TCDS No: F56-30 ATA 25 – EQUIPMENT/FURNISHINGS	

Issue date: 18 August 2004

Subject: CREW SEATS - BUCKET ASSEMBLY TUBES – INSPECTION

Superseded/Revised ADs: Not applicable

Superseded by
FOCA AD
HB-2005-470

1. APPLICABILITY:

PILATUS AIRCRAFT LTD.

All Model PC-12 and PC-12/45 airplanes equipped with Israel Aircraft Industries Ltd. pilot seats, Pilatus Part Numbers (P/Ns) 9593001111, 9593001121, 9593001131, 9593001133 and co-pilot seats Pilatus P/Ns 9593001112, 9593001122, 9593001132, 9593001134 which have accumulated 6000 hours and more time-in-service (TIS) at the effective date of this AD.

2. REASON:

This Airworthiness Directive (AD) is prompted by a report where it was found during a maintenance inspection that the bucket assembly tubes on one of the crew seats failed. The LH and RH bucket assembly tubes failed at the location of the energy device pins. The lower tubes remained attached but the upper parts were completely disconnected. This could lead to reduced ability of the pilots to control the airplane.

As an interim action, this AD requires inspection of the pilot and co-pilot seat bucket assembly tubes for cracks, reporting of the inspection results and if necessary, replacement of the bucket assembly tubes.

3. COMPLIANCE / ACTION:

Required as indicated below, unless already accomplished:

Within the next 2 calendar-weeks after the effective date of this AD:

3.1. INSPECTION / REPAIR:


- 3.1.1. Perform a fluorescent dye-penetrant inspection to detect cracks at the grooved area of the LH and RH bucket assembly tubes of the pilot and co-pilot seat. No cracks are permitted.
- 3.1.2. If during the inspection required by paragraph 3.1.1 cracks are found; prior to further flight, replace the applicable bucket assembly. Contact Pilatus for a repair procedure to replace the bucket assembly.

3.2. REPORTING REQUIREMENTS:

- 3.2.1. Report the results of the fluorescent dye-penetrant inspection to Pilatus Aircraft Ltd. Inspection findings (cracks or no cracks) must be reported. Give the aircraft Serial Number (S/N), the seat S/N and flying hours and the number of cracks found with the location and length.

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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	von de di of	1 1 1 1	2 2 2 2
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FOCA AD HB-2004-329	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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4. PARTS INSTALLATION:

4.1. As of the effective date of this AD, no person shall install any Israel Aircraft Industries Ltd. pilot seats Pilatus Part Numbers (P/Ns) 9593001111, 9593001121, 9593001131, 9593001133 and/or co-pilot seats Pilatus P/Ns 9593001112, 9593001122, 9593001132 9593001134 with unknown hours time-in-service (TIS) or which have accumulated 6000 hours TIS and more, on any Model Pilatus PC-12 Series airplane, unless the crew seats have been inspected and found to be crack-free, in accordance with the Accomplishment Instructions of PILATUS PC-12 Service Bulletin No. 25-031, dated 21 July 2004 or later revisions approved by the Swiss Federal Office for Civil Aviation (FOCA).

5. 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 PC-12 Service Bulletin No. 25-031, dated 21 July 2004
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The applicable manufacturer's documentation may be obtained directly from:

PILATUS AIRCRAFT LTD.	TEL No.: +41 41 619 6208
CH-6371 STANS, Switzerland	FAX No.: +41 41 619 7311
CUSTOMER SUPPORT MANAGER	Email: SupportPC12@pilatus-aircraft.com

6. FOR FURTHER INFORMATION CONTACT:

FEDERAL OFFICE FOR CIVIL AVIATION (FOCA)	
Type Certification (MZ)	
Maulbeerstrasse 9	FAX No.: +41 31 325 9324 (or)
CH-3003 Berne, Switzerland	FAX No.: +41 31 322 5918

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	2	von de di of	2
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