

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2011-0230</p> <p>Date: 09 December 2011</p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p>Type Approval Holder's Name :</p> <p>Pilatus Aircraft Ltd.</p>	<p>Type/Model designation(s) :</p> <p>PC-6 aeroplanes</p>
TCDS Number:	Switzerland No. F 56-10
Foreign AD :	Not applicable
Supersedure :	None
ATA 55	Stabilizer – Elevator and Rudder Hinge Bolt Locking – Rework
Manufacturer(s):	Pilatus Aircraft Ltd. and Fairchild Republic Company (formerly known as Fairchild Industries, Fairchild Heli Porter and Fairchild-Hiller Corporation).
Applicability:	PC-6 series aeroplanes, all models, all manufacturers serial numbers.
Reason:	<p>A case of loss of elevator and rudder hinge bolts on a PC-6 aeroplane has been reported.</p> <p>The results of the investigations indicate that the elevator and rudder hinge bolt loss are suspected to have been caused by an incorrect torque and locking of the bolts.</p> <p>This condition, if not detected and corrected, could lead to in-flight failure of the elevator or rudder attachment, possibly resulting in loss of control of the aeroplane.</p> <p>For the reasons described above, this AD requires the installation of a new locking screw and the modification of the installation of the hinge bolt.</p>
Effective Date:	23 December 2011
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 2 months after the effective date of this AD, install new elevator and rudder hinge bolt locking screws and modify the installation of the hinge</p>

	<p>bolt, in accordance with the accomplishment instructions of Pilatus PC-6 Service Bulletin (SB) No. 55-001 Revision 1, dated 25 November 2011.</p> <p>(2) For aeroplanes that have been modified, before the effective date of this AD, in accordance with the Pilatus PC-6 SB No. 55-001 at initial issue, within 6 months after the effective date of this AD, install new elevator and rudder hinge bolt locking screws in accordance with the accomplishment instruction of PC-6 SB No. 55-001 Revision 1, dated 25 November 2011.</p>
Ref. Publications:	<p>PILATUS PC-6 Service Bulletin No. 55-001 Revision 1, dated 25 November 2011.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 29 September 2011 as PAD 11-102 for consultation until 27 October 2011. The Comment Response Document can be found at http://ad.easa.europa.eu/. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: PILATUS AIRCRAFT LTD., Customer Liaison Manager, CH-6371 STANS, Switzerland Telephone.: +41 (0)41 619 65 80 Fax: +41 (0)41 619 65 76 E-mail: fodermatt@pilatus-aircraft.com.

SUPERSEDED