

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2008-0171</p> <p>Date: 09 September 2008</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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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 : Pilatus Aircraft Ltd.</p>	<p>Type/Model designation(s) : PC-6</p>	
<p>TCDS Number : FOCA Switzerland F 56-10</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure: This directive supersedes AD 2008-0164 dated 27 August 2008</p>		
ATA 32	Landing Gear - Movement of Brake Pedals- Check/Modification	
<p>Manufacturer(s):</p>	<p>Pilatus Aircraft Ltd. and Fairchild Republic Company (formerly known as Fairchild Industries, Fairchild Heli Porter and Fairchild-Hiller Corporation).</p>	
<p>Applicability:</p>	<p>PC-6 aircraft from Manufacturer Serial Number (MSN) 101 to 950 inclusive and MSN 2001 to 2092 inclusive.</p>	
<p>Reason:</p>	<p>This Airworthiness Directive (AD) is prompted by a potential problem with the freedom of the brake pedals of some PC-6 series aircraft.</p> <p>The freedom of the brake pedals could be prevented because of an insufficient clearance between the rudder bar lugs on a few aircraft. In such conditions, it is possible that the master brake cylinder is not re-filled with the fluid from the reservoir, which can lead to a degradation of brake effectiveness. Mostly during landing, this can lead to difficulties with the directional control of the aircraft on ground and could cause a runway excursion.</p> <p>For the reason stated above, the present Airworthiness Directive mandates a check of the brake pedals for full and free movement and, if any damage is found, the modification of the brake pedals to restore their freedom.</p> <p>This AD differs from AD 2008-0164 which is superseded, in a reduced applicability and a correction of some of the rudder pedal assembly part-numbers.</p>	

Effective Date:	23 September 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless previously accomplished.</p> <p>(1) Within 100 Flight Hours or 12 months after the effective date of this AD, whichever occurs first, check the brake pedals for full and free movement in accordance with accomplishment instructions of PILATUS PC-6 Service Bulletin No. 32-002 Revision 2.</p> <p style="padding-left: 40px;">If any stiffness or limited movement of a brake pedal is found, before next flight, perform the corrective actions in accordance with the paragraph 3.C. of the accomplishment instructions of PILATUS PC-6 Service Bulletin No. 32-002 Revision 2.</p> <p>(2) After the effective date of this AD, no person shall install any pilot and co-pilot rudder bars and brake pedal assemblies Part Number (P/N) 6232.0011.00, P/N 6232.0255.52, P/N 116.35.06.050, P/N 116.35.06.053 and P/N 116.35.06.054 on any PC-6 aircraft, unless they have been previously inspected in accordance with paragraph 4. of the accomplishment instructions of PILATUS PC-6 Service Bulletin No. 32-002 Revision 2.</p>
Ref. Publications:	<p>PILATUS PC-6 Service Bulletin No. 32-002 Revision 2</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. Required actions and the risk assessment have warranted the immediate adoption of this Final AD with request for comments. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any questions concerning the technical content of the requirements in this AD, please contact: PILATUS AIRCRAFT LTD., Customer Liaison Manager, CH-6371 STANS, Switzerland Tel.: +41 (0)41 619 65 80 Fax: +41 (0)41 619 65 76 E-mail: fodermatt@pilatus-aircraft.com