


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 12-020</p> <p>Date: 08 March 2012</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
<p>Type Approval Holder's Name :</p> <p>Piaggio Aero Industries S.p.A.</p>	<p>Type/Model designation(s) :</p> <p>P.180 aeroplanes</p>
<p>TCDS Number : EASA.A.059</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
ATA 27	Flight Controls – Main Wing Outboard Flap External Actuators – Modification
<p>Manufacturer(s): Piaggio Aero Industries S.p.A.</p>	
<p>Applicability: All P.180 Avanti and Avanti II aeroplanes, all serial numbers (S/N).</p>	
Reason:	<p>Failures of the Main Wing Outboard Flap external actuator have been reported by P.180 operators.</p> <p>The investigation revealed that due to jamming of the external bearing, the screwjack drive gear disengaged from its seat and the external actuator stopped, while the inner one continued its run.</p> <p>This condition, if not corrected, could lead to an asymmetrical flap actuators operation and cause an interference between the flap and adjacent aileron, possibly resulting in reduced control of the aeroplane.</p> <p>For the reasons described above, this AD requires the installation of a covering cage on the screwjack, as a temporary corrective action, which does not allow the disengagement of the affected gear.</p> <p>This AD is considered to be an interim action and further actions may follow.</p>
Effective Date:	[TBD: 14 days after final AD issue date]

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Aeroplanes with S/N 1002 and 1004 up to 1135 inclusive: within the compliance time shown in Table 1 of this AD, install covering cages on both left and right wing outboard flap external screwjacks in accordance with the Accomplishment Instructions of Piaggio Aero Industries S.p.A. (PAI) Service Bulletin (SB) No. 80-0318 revision 1:</p> <p style="text-align: center;">Table 1</p> <table border="1" data-bbox="571 439 1425 786"> <tr> <th>Total flight hours (FH) accumulated at the effective date of this AD since the aeroplane first flight</th><th>Compliance time (whichever occurs first after the effective date of this AD)</th></tr> <tr> <td>Less than 1 500 FH</td><td>Within 1 500 FH or 12 months</td></tr> <tr> <td>1 500 FH or more but less than 2 800 FH</td><td>Upon or before accumulation of 3 000 FH or 12 months</td></tr> <tr> <td>2 800 FH or more</td><td>Within 200 FH or 12 months</td></tr> </table> <p>(2) Aeroplanes with S/N 1136 and subsequent: within 1 500 FH or 12 months after the effective date of this AD, whichever occurs first, install covering cages on both left and right wing outboard flap external screwjacks in accordance with the Accomplishment Instructions of PAI SB No. 80-0318 revision 1.</p> <p>(3) Accomplishment of PAI SB No. 80-0318 at original issue before the effective date of this AD constitutes an acceptable method of compliance with the requirements of this AD. After the effective date of this AD, PAI SB No. 80-0318 revision 1 must be used.</p>	Total flight hours (FH) accumulated at the effective date of this AD since the aeroplane first flight	Compliance time (whichever occurs first after the effective date of this AD)	Less than 1 500 FH	Within 1 500 FH or 12 months	1 500 FH or more but less than 2 800 FH	Upon or before accumulation of 3 000 FH or 12 months	2 800 FH or more	Within 200 FH or 12 months
Total flight hours (FH) accumulated at the effective date of this AD since the aeroplane first flight	Compliance time (whichever occurs first after the effective date of this AD)								
Less than 1 500 FH	Within 1 500 FH or 12 months								
1 500 FH or more but less than 2 800 FH	Upon or before accumulation of 3 000 FH or 12 months								
2 800 FH or more	Within 200 FH or 12 months								
<p>Ref. Publications:</p>	<p>PAI SB No. 80-0318 original issue and revision 1.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>								
<p>Remarks:</p>	<ol style="list-style-type: none"> This Proposed AD will be closed for consultation on 05 April 2012. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA; E-mail: ADs@easa.europa.eu. For any question concerning the technical content of the requirements in this PAD, please contact: Piaggio Aero Industries S.p.A - Airworthiness Office Via Luigi Cibrario, 4 – 16154 Genova – Italy Telephone: +39010 6481353 ; Fax: +39 010 6481881 E-mail: airworthiness@piaggioaero.it. 								