


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2009-0129</p> <p>Date: 19 June 2009</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 :</p> <p>Piaggio Aero Industries S.p.A.</p>	<p>Type/Model designation(s) :</p> <p>P 180 Avanti series aeroplanes</p>	
<p>TCDS Number : EASA A.059</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : None</p>		
<p>ATA 32</p>	<p>Steering system - Leakproofness of the Steering Manifold - Initial and Repetitive Inspections</p>	
<p>Manufacturer(s):</p>	<p>Piaggio Aero Industries S.p.A.</p>	
<p>Applicability:</p>	<p>Model P.180 Avanti and P.180 Avanti II aeroplanes, all serial numbers.</p>	
<p>Reason:</p>	<p>Some cases of uncommanded steering action were observed, while the steering system was switched off. A leakage in the Steering Select/Bypass Valve, installed in the Steering Manifold, when closed, is suspected to have caused the uncommanded steering. If left uncorrected, this condition could lead to a potentially dangerous veer along the runway; in fact, according to the Aircraft Flight Manual limitations, the steering system must be in 'off' position during landing and takeoff (in this case when airspeed is higher than 60 knots). For the reasons stated above, this new AD mandates repetitive inspections for leakage of the Nose Landing Gear steering manifold.</p>	
<p>Effective Date:</p>	<p>03 July 2009</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>(1) Within 6 months or at the next scheduled maintenance check, whichever occurs first after the effective date of this AD, do a functional check of the Nose Landing Gear (NLG) steering manifold and do applicable corrective actions, in accordance with the accomplishment instructions of Piaggio Aero Industries Service Bulletin 80-0249, revision 1.</p> <p>(2) Thereafter from the last functional check or the replacement of the NLG steering manifold, as applicable, repeat, at intervals not to exceed 165 Flight Hours, the functional check of the NLG steering manifold in accordance with the accomplishment instructions of Piaggio Aero Industries Service Bulletin 80-0249, revision 1.</p> <p>(3) After the effective date of this AD, upon installation of a NLG steering manifold on any aeroplane, do a functional check of the NLG steering manifold in accordance with the accomplishment instructions of Piaggio Aero Industries Service Bulletin 80-0249, revision 1.</p>
<p>Ref. Publications:</p>	<p>Piaggio Aero Industries Service Bulletin 80-0249 revision 1, dated 27 May 2009;</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 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 question concerning the technical content of the requirements in this AD, please contact: Piaggio Aero Industries S.p.A - Airworthiness Office Phone: +39 010 6481353 Fax: +39 010 6481881 Email: airworthiness@piaggioaero.it