


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2010-0146</p> <p>Date: 22 July 2010</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>Piaggio Aero Industries S.p.A.</p>	<p>Type/Model designation(s) :</p> <p>P.180 Avanti aeroplanes</p>	
<p>TCDS Number : EASA.A.059</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : ENAC Italy (formerly RAI) Prescrizione di Aeronavigabilità (PA) 97-148 dated 23 May 1997.</p>		
<p>ATA 53</p>	<p>Fuselage – Forward Pressurized Bulkhead - Inspection / Modification</p>	
<p>Manufacturer(s):</p>	<p>Piaggio Aero Industries S.p.A.</p>	
<p>Applicability:</p>	<p>P.180 Avanti aeroplanes, serial numbers (S/N) from 1004 up to 1033 inclusive.</p>	
<p>Reason:</p>	<p>In order to improve the safe fatigue life of the aeroplane, the TC Holder of P.180 Avanti designed and introduced in production a modification of the forward pressurized bulkhead, and issued Piaggio Aero Industries (PAI) Service Bulletin (SB) 80-0081 for retrofit of aeroplanes in service.</p> <p>ENAC Italy (formerly RAI) issued an AD (PA 97-148) requiring the accomplishment of SB 80-0081.</p> <p>Piaggio Aero Industries issued SB 80-0081 Revision 1, and subsequently Revision 2, to include reference drawings and more detailed instructions for the modification.</p> <p>This AD, which supersedes ENAC Italy PA 97-148, requires the accomplishment of SB 80-0081 Revision 2.</p> <p>Since during the consultation period PAI issued SB 80-0081 Revision 2, reference is made to that in this AD, instead of Revision 1 as in PAD 10-059.</p>	
<p>Effective Date:</p>	<p>05 August 2010</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) For S/N 1004, 1015 and 1017 only:</p> <p>(1.1) Within the next 1 500 Flight Hours (FH) after 15 July 1997 (effective date of ENAC PA 97-148) or before the accumulation of 6 000 total FH, whichever occurs first, inspect (visually or by means of a standard Endoscope Equipment) the forward pressurized bulkhead in accordance with Part A1 of the Accomplishment Instructions of PAI SB 80-0081 Revision 2, to verify whether the bulkhead reinforcements are installed;</p> <p>(1.2) If the reinforcements are not installed, within the same compliance time required by paragraph (1.1) of this AD, install reinforcements on the forward pressurized bulkhead in accordance with Part A2 of the Accomplishment Instructions of PAI SB 80-0081 Revision 2.</p> <p>(2) For S/N from 1004 up to 1033 inclusive:</p> <p>Before the accumulation of 6 000 total FH modify the forward pressurized bulkhead in accordance with Part C of the Accomplishment Instructions of PAI SB 80-0081 Revision 2.</p> <p>(3) Bulkhead Inspections/modifications already performed before the effective date of this AD in accordance with the original issue or Revision 1 of PAI SB 80-0081 original issue are acceptable for compliance with the requirements of this AD; after the effective date of this AD, PAI SB 80-0081 Revision 2 must be used.</p>
<p>Ref. Publications:</p>	<p>Piaggio Aero Industries Service Bulletin 80-0081 Revision 2.</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. This AD was posted on 15 June 2010 as PAD 10-059 for consultation until 13 July 2010. No comments were received during the consultation period.. 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. E-mail: airworthiness@piaggioaero.it .