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| <b>EASA</b>   | <b>NOTIFICATION OF A PROPOSAL TO ISSUE AN<br/>AIRWORTHINESS DIRECTIVE</b>   |                                    |
|    | <p><b>PAD No.: 10-048</b></p> <p><b>Date: 18 May 2010</b></p> <p>Note: This proposed 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>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.<br/>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> |   |                                    |
| <b>Type Approval Holder's Name :</b>  |   | <b>Type/Model designation(s) :</b> |
| Piaggio Aero Industries S.p.A.  |   | P.180 series aeroplanes            |
| TCDS Number : EASA.A.059  |   |                                    |
| Foreign AD : Not applicable   |   |                                    |
| Supersedure : ENAC Italy Prescrizione di Aeronavigabilità (PA) 2002-335 dated 18 June 2002.   |   |                                    |
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| <b>ATA 79</b>   | <b>Oil – Oil Cooling System Hose - Inspection / Replacement</b>   |                                    |
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| Manufacturer(s):  | Piaggio Aero Industries S.p.A.  |                                    |
| Applicability:  | All model P.180 Avanti and P.180 Avanti II aeroplanes, if equipped with Hose Assembly part number (P/N) 80-337276-001.  |                                    |
| Reason:   | <p>A damaged fuel heater caused a fuel leakage in the engine nacelle; investigation revealed that the damage to the fuel heater was due to chafing with an oil cooling system hose.</p> <p>Piaggio Aero Industries (PAI) issued Service Bulletin (SB) 80-0175, which was applicable to all aeroplanes and contained instructions for a repetitive inspection of the affected parts and, if necessary, their replacement and/or for the repositioning of oil/fuel tubing if minimum clearances were not found.</p> <p>ENAC Italy issued PA 2002-335 to require the accomplishment of these corrective actions ..</p> <p>Later on, PAI has introduced a new Hose Assembly (P/N 80-337284-001), which allows better clearances and removes the problem of potential interference; hence, PAI issued SB 80-0175 Revision 1, limiting the applicability to aeroplanes with the old P/N installed only and giving instructions for the replacement with the new Hose Assembly P/N.</p> <p>This new AD, which supersedes ENAC Italy PA 2002-335, is issued to grant the revised applicability and to include an optional terminating action, which consists in replacing the Hose Assembly P/N 80-337276-001 with the new P/N 80-337284-001.</p> |                                    |

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| Effective Date:                            | [TBD: 14 days after final AD issue date]   |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated:</p> <p>(1) At the next scheduled 'A' check or within 150 Flight Hours (FH), whichever occurs first after the effective date of this AD, and thereafter at intervals not to exceed 165 FH from the last inspection, inspect for damage and minimum clearance the engine mounted fuel heater in accordance with Part A of the accomplishment instructions of Piaggio Aero SB 80-0175 Revision 1;</p> <p>(2) If any wear damage to the fuel heater or to the oil cooling system hose is detected during any inspection required by paragraph (1) of this AD, before further flight replace the Hose Assembly P/N 80-337276-001 with the new P/N 80-337284-001, in accordance with Part B of the accomplishment instructions of Piaggio Aero SB 80-0175 Revision 1;</p> <p>(3) If no wear damage is detected, but insufficient clearance is found during any inspection required by paragraph (1) of this AD, at the next scheduled 'B' check or within the next 660 FH from the inspection, whichever occurs first, replace the Hose Assembly P/N 80-337276-001 with the new P/N 80-337284-001, in accordance with Part B of the accomplishment instructions of Piaggio Aero SB 80-0175 Revision 1.</p> |
| Ref. Publications:                         | <p>Piaggio Aero Industries Service Bulletin 80-0175 Revision 1.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>   |
| Remarks:                                   | <p>1. This Proposed AD will be closed for consultation on 15 June 2010.</p> <p>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</p> <p>3. For any question concerning the technical content of the requirements in this PAD, please contact:<br/> Piaggio Aero Industries S.p.A - Airworthiness Office<br/> Phone: +39 010 6481353 Fax: +39 010 6481881<br/> E-mail: <a href="mailto:airworthiness@piaggioaero.it">airworthiness@piaggioaero.it</a>.</p>   |