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| EASA | AIRWORTHINESS DIRECTIVE |
|  | <p>AD No.: 2010-0125</p> <p>Date: 23 June 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 series aeroplanes</p> |
| TCDS Number : | EASA.A.059 |
| Foreign AD : | Not applicable |
| Supersedure : | ENAC Italy Prescrizione di Aeronavigabilità (PA) 2002-335 dated 18 June 2002. |
| ATA 79 | Oil – Oil Cooling System Hose - Inspection / Replacement |
| 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 introduced a new Hose Assembly (P/N 80-337284-001), which allows better clearances and removes the problem of potential interference. 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: | 07 July 2010 |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</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: | <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 18 May 2010 as PAD 10-048 for consultation until 15 June 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. |