

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2009-0228 Date: 26 October 2009 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.
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].	
Type Approval Holder's Name : Piaggio Aero Industries S.p.A.	Type/Model designation(s) : P.180 series aeroplanes
TCDS Number : EASA A.059	
Foreign AD : Not applicable	
Supersedure : None	
ATA 28	Fuel – Main and Standby Fuel Pumps – Check / Replacement
Manufacturer(s):	Piaggio Aero Industries S.p.A.
Applicability:	Model P.180 Avanti and P.180 Avanti II aeroplanes with serial numbers up to 1192 inclusive, equipped with fuel pumps part number 1C12-43 and that have been replaced before 31 July 2009 for any reason.
Reason:	A failure of fuel pump sealing, due to possible incorrect maintenance procedures and subsequent testing, caused a fuel leakage into the main landing gear bay. Presence of fuel or fuel vapours in that zone creates a risk of fire due to presence of potential ignition sources such as electrical equipment and connectors. As a consequence, this new Airworthiness Directive (AD) requires a functional check of main and stand-by fuel pumps for absence of leakage and an update of the Aircraft Maintenance Manual (AMM).
Effective Date:	09 November 2009

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 150 Flight Hours (FH) after the effective date of this AD, do a functional check of the main and standby fuel pumps for absence of leakage in accordance with steps 1 to 14 of the accomplishment instructions of Piaggio Aero Service Bulletin (SB) 80-0278 original issue. If any leaking fuel pump is found, replace the fuel pump with a serviceable unit. For the purpose of this AD, a serviceable fuel pump is a pump that satisfies the functional check as instructed in the accomplishment instructions of Piaggio Aero SB 80-0278 original issue. (2) Within 30 days after the effective date of this AD, insert Temporary Revisions (TR) No.33 and 34 (for P.180 Avanti) and TR No.31 and 41 (for P.180 Avanti II) in the applicable Aircraft Maintenance Manual. NOTE 1: When Changes introduced by TR No.33 and 34 (for P.180 Avanti) and TR No.31 and 41 (for P.180 Avanti II) have been incorporated into the Normal revisions of the applicable AMM, the Normal revisions may replace the aforementioned TRs into the AMM for the purpose of this AD, provided that the information contained in the Normal revisions is identical to that specified in the replaced TRs.
Ref. Publications:	Piaggio Aero Industries Service Bulletin 80-0278 original issue; The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD. Temporary Revisions No.33 and 34 to P.180 Avanti AMM, report 9066. Temporary Revisions No.31 and 41 to P.180 Avanti II AMM, report 180-MAN-0200-01105.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 14 September 2009 as PAD 09-104 for consultation until 12 October 2009. 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 Email: airworthiness@piaggioaero.it