

EASA	AIRWORTHINESS DIRECTIVE	
	AD No : 2007- 0031 Date: 09 February 2007	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
Type Approval Holder's Name : PIAGGIO AERO INDUSTRIES S.p.A.		Type/Model designation(s) : P.180 'Avanti' series
TCDS Number : EASA A.059		
Foreign AD : Not applicable		
Supersedure : Not applicable		
ATA 53	Fuselage - Fuselage drain holes – Inspection / Repair	
Manufacturer(s):	Piaggio Aero Industries S.p.A.	
Applicability:	P.180 'Avanti' series, from manufacturer serial number 1004 up to 1112 inclusive	
Reason:	One P 180 aircraft experienced a jamming of its longitudinal flight control cables. Investigations revealed that its fuselage drain holes were plugged, and water was trapped in the lower fuselage. As a consequence of plugged drain holes, water can accumulate and freeze when the aircraft reaches and holds altitudes where temperature is below the freezing point. If not corrected this may cause the loss of control of the airplane. The aim of this Airworthiness Directive (AD) is to check for proper operation, fuselage drain holes and the passenger evaporator drain line and to introduce a temporary revision of the Aircraft Maintenance Manual (AMM).	
Effective Date:	13 February 2007	
Compliance:	At the next scheduled maintenance inspection, but no later than one month after the effective date of this AD, unless already accomplished:	

	1. Inspect for proper operation, fuselage drain holes and the passenger evaporator drain line, do all the corrective actions if necessary, as instructed in the accomplishment instructions of the Piaggio Aero Industries S.p.A Mandatory S.B.-80-0220. 2 Update the AMM by inserting the Temporary Revision attached to the Piaggio Aero Industries S.p.A Mandatory S.B.-80-0220
Ref. Publications:	Piaggio Aero Industries S.p.A. Mandatory Service Bulletin SB-80-0220 rev.0 dated August 8 th 2006 or later approved revisions.
Remarks :	1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 07-002 for consultation on 03 January 2007 with a comment period until 24 January 2007. No comments were received during the consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact Piaggio Aero Industries S.p.A. Airworthiness Office phone +39 010 6488990 or fax +39 010 6488403 Email gserpico@piaggioaero.it