

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 11-133 Date: 09 December 2011 Note: This Proposed Airworthiness Directive (PAD) 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.
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. 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.	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A380 Aeroplanes
TCDS Number : EASA.A.110	
Foreign AD : Not applicable	
Supersedure : None	
ATA 49	Airborne Auxiliary Power – Auxiliary Power Unit (APU) Air Intake Duct Access Cover Cut-Out – Inspection / Repair
Manufacturer(s):	Airbus
Applicability:	Airbus A380-841, A380-842, and A380-861 Aeroplanes, manufacturer serial numbers (MSN): 0003, 0005 through 0017 inclusive, 0019 through 0023 inclusive, 0025 through 0030 inclusive, 0033, 0034, 0038, 0040, 0041, 0043, 0045 and 0051.
Reason:	During an inspection on an in-production aeroplane, the following non conformities have been discovered on an APU air intake duct access cover cut-out: - Missing epoxy resin around the inserts and at the edge of the air intake duct wall cut-out, and - Missing epoxy adhesive at the edges of the air intake duct wall cut-out. It was found that these materials have not been applied on a specific group of aeroplanes due to an incorrect quality process during production. However, the fire sealant ensures continuing proper fire protection. In addition, it has been identified that task 49-16-00-210-801-A of the Airbus A380 Aircraft Maintenance Manual (AMM), titled "General Visual Inspection of inner surfaces of Air Intake Duct and P-Seal at Housing/Duct Interface", did not contain instructions to apply fire sealant compound for the in-service installation procedure of the APU air intake duct inspection access cover.

	The investigation has shown that the in-service accomplishment of this incorrect AMM task in combination with the absence of epoxy resin and adhesive could lead to flammable fluids to be inserted and/or retained in the APU air intake duct. This condition, if not detected and corrected, could lead to ignition of flammable vapour or fluid in this area, which cannot be discounted over the life of the aircraft. For the reasons described above, this AD requires to perform a one-time inspection of the APU Air Intake Duct and, depending on findings, the accomplishment of the associated corrective actions depending on the type of air intake duct installed. <u>Note:</u> AMM task 49-16-00-210-801-A has been updated through a Temporary Revision which was released on 01 September 2010 to include instructions for the application of fire sealant compound for the in-service installation procedure of the APU air intake duct inspection access cover.
Effective Date:	[TBD: 14 days after final AD issue date]
Required action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) At the next maintenance opportunity, or within 18 months after the effective date of this AD, whichever occurs first, inspect the APU air intake duct and apply the associated corrective actions, as applicable (Repair procedure A or B) in accordance with the instruction of Airbus Service Bulletin (SB) A380-49-8005. (2) From the effective date of this AD, do not install on an aeroplane an APU air intake duct as listed in (SB) A380-49-8005, unless in compliance with the requirements of this AD.
Ref. Publications:	Airbus Service Bulletin A380-49-8005 Original issue dated 10 August 2011. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. This Proposed AD will be closed for consultation on 06 January 2012. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS SAS - EANA (Airworthiness Office), Telephone: +33 562110253 ; Fax:+33 562 110 307. E-mail: account.airworth-A380@airbus.com and/or Nicolas.Cordeau@airbus.com and/or Sandra.Cuiec@airbus.com