

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 12-139 Date: 09 November 2012 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.	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A380 aeroplanes
TCDS Number: EASA.A.110	
Foreign AD: Not applicable	
Supersedure: None	
ATA 35	Oxygen – Passenger Oxygen Rigid Pipe – Inspection / Replacement / Modification
Manufacturer(s):	Airbus
Applicability:	Airbus A380-841, A380-842, and A380-861 aeroplanes, manufacturer serial numbers 0023, 0025, 0028 through 0030 inclusive, 0033, 0034, 0038 and 0040 through 0052 inclusive.
Reason:	During an inspection on an in-production aeroplane, a potential interference between a cabin oxygen rigid pipe, located on the upper deck ceiling on frame (FR) 54 stringer 4 Left Hand (LH) side, and the surrounding structure was reported. This condition, if not detected and corrected, could lead to cabin oxygen rigid pipe damage, leakage at contact point and loss of the passenger oxygen system, possibly resulting in exposure of the passengers and cabin attendants to hypoxia following aeroplane depressurization. To address this potential unsafe condition, Airbus issued Service Bulletins (SB) A380-35-8018, SB A380-35-8011 and SB A380-35-8012 to provide instructions for a one-time inspection and, depending on findings, replacement and modification of the affected oxygen rigid pipe. For the reasons described above, this AD requires a one-time Detailed Visual Inspection (DVI) of the cabin oxygen rigid pipe at FR54 stringer 4 LH side and, depending on findings, accomplishment of applicable corrective action(s).
Effective Date:	[TBD: 14 days after final AD issue date]

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 72 months after the aeroplane first flight, accomplish a one-time DVI of the cabin oxygen rigid pipe at FR54 stringer 4 LH side in accordance with the instructions of Airbus SB A380-35-8018. (2) If, during the inspection as required by paragraph (1) of this AD, a damaged pipe is found, before next flight, replace the affected oxygen rigid pipe with a serviceable oxygen rigid pipe in accordance with the instructions of Airbus SB A380-35-8011. (3) If, during the inspection as required by paragraph (1) of this AD, no damaged pipe is found, before next flight, measure the clearance between the oxygen rigid pipe and FR54 stringer 4 LH side in accordance with the instructions of Airbus SB A380-35-8018. (3.1) If the clearance, measured as required by paragraph (3) of this AD, is less than 3 mm, before next flight, replace the affected oxygen rigid pipe with a serviceable oxygen rigid pipe in accordance with the instructions of Airbus SB A380-35-8011. (3.2) If the clearance, measured as required by paragraph (3) of this AD, is equal to or more than 3 mm but less than 5 mm, before next flight, modify the installation of the affected oxygen rigid pipe in accordance with the instructions of Airbus SB A380-35-8012. Note: If the clearance, measured as required by paragraph (3) of this AD, is equal to or more than 5 mm, no further action is required by this AD.
Ref. Publications:	Airbus SB A380-35-8011 at original issue dated 31 August 2012. Airbus SB A380-35-8012 at original issue dated 31 August 2012. Airbus SB A380-35-8018 at original issue dated 31 August 2012. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks:	1. This Proposed AD will be closed for consultation on 07 December 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 - EIANA (Airworthiness Office), Telephone : +33 562 110 253 ; Fax: +33 562 110 307 E-mail: account.airworth-A380@airbus.com, nabil.tahiri@airbus.com and sandra.cuiec@airbus.com.