


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	PAD No.: 12-135 Date: 05 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 aeroplane
TCDS Number: EASA.A.110		
Foreign AD: Not applicable		
Supersedure: None		
ATA 35	Passenger Oxygen – Oxygen Distribution Pressure Line and Container Manifolds – Inspection	
Manufacturer(s):	Airbus	
Applicability:	Airbus A380-841, A380-842, and A380-861 aeroplanes, all manufacturer serial numbers.	
Reason:	<p>During maintenance checks of the passenger oxygen distribution line, some minor leaks have been detected inside the oxygen containers.</p> <p>Investigations have confirmed that a cracked manifold is the origin of the leak.</p> <p>This condition, if not detected and corrected, could lead to reduce oxygen flow to the masks, possibly resulting in exposure of the aeroplane occupants to hypoxia following a depressurization event.</p> <p>For the reasons described above, this AD requires, repetitive special detailed inspections (SDI) of the oxygen Distribution Pressure Line (DPL), and, container manifolds, and dependent on the detected leak rate, accomplishment of applicable corrective action(s).</p>	
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 5 000 flight hours (FH) after the aeroplane first flight, or within 1 000 FH after the effective date of this AD, whichever occurs later, accomplish a SDI of the oxygen DPL and container manifolds in accordance with the instructions of Airbus Service Bulletin (SB) A380-35-8019.	

	<p>(2) Thereafter, at intervals not to exceed 5 000 FH from the last leak check accomplished in accordance with SB A380-35-8019 or from the last validation leak check required by paragraph (4) of this AD, as applicable, accomplish a SDI of the oxygen DPL and container manifolds in accordance with the instructions of Airbus SB A380-35-8019.</p> <p>(3) If, during any SDI as required by paragraph (1) or (2) of this AD, the leak rate is not within the tolerance as defined in Airbus SB A380-35-8019 and/or damaged oxygen containers are detected, accomplish the actions specified in paragraphs (4) and (5) of this AD.</p> <p>(4) Before next flight after detection of discrepancies as specified in paragraph (3) of this AD, accomplish a leak check of the oxygen DPL and record the elapsed time to pass from 5 bar to 2 bar in accordance with the instructions of Airbus SB A380-35-8019.</p> <p>(5) Within the applicable compliance time, as defined in Paragraph 1.E.(2) of Airbus SB A380-35-8019, depending on the recorded elapsed time required by paragraph (4) of this AD, repair or replace the damaged oxygen container and accomplish a validation leak check of the oxygen DPL in accordance with the instructions of Airbus SB A380-35-8019.</p> <p>(6) Repair or replacement of oxygen containers as required by paragraph (5) of this AD does not constitute terminating action for the repetitive inspections required by paragraph (2) of this AD.</p>
Ref. Publications:	<p>Airbus SB A380-35-8019 at original issue dated 31 July 2012.</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. This Proposed AD will be closed for consultation on 03 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 and nabil.tahiri@airbus.com and sandra.cuiec@airbus.com.