


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2012-0267</p> <p>Date: 21 December 2012</p> <p>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.</p>
<p>This AD is issued in accordance with EU 748/2012, Part 21.A.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 AD applies, except in accordance with the requirements of that AD, 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].</p>	
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	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 were detected inside the oxygen containers.</p> <p>Investigations confirmed that a cracked manifold was the origin of the leak.</p> <p>This condition, if not detected and corrected, could lead to a decrease of the available oxygen capacity, possibly resulting in exposure of the cabin occupants to hypoxia following a depressurization event.</p> <p>For the reasons described above, this AD requires, as an interim measure pending the development of a terminating corrective action, 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). This AD also requires the reporting of the inspection results.</p>
Effective Date:	03 January 2013
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(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, and thereafter</p>

	<p>at interval not to exceed 5000 FH, accomplish a SDI of the oxygen DPL and container manifolds in accordance with the instructions of Airbus Service Bulletin (SB) A380-35-8019.</p> <p>(2) If, during any SDI as required by paragraph (1) 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 (3) and (4) of this AD.</p> <p>(3) Before next flight after detection of discrepancies as specified in paragraph (2) 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>(4) 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 (3) 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>(5) Aeroplanes that, before the effective date of this AD, passed the leak check (leak rate within the tolerance) in accordance with A380 Aircraft Maintenance Manual task 35-22-00-790-801, are compliant with the initial requirement of paragraph (1) of this AD. After the effective date of this AD, repetitive inspections and corrective actions must be accomplished in accordance with the instructions of Airbus SB A380-35-8019.</p> <p>(6) Within 10 days after accomplishment of any of the inspections required by paragraph (1) of this AD, as applicable, report to Airbus all recorded inspections results (including no findings) in accordance with the instructions of Airbus SB A380-35-8019.</p> <p>(7) Repair or replacement of oxygen containers as required by paragraph (4) of this AD does not constitute terminating action for the repetitive inspections required by paragraph (1) 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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 05 November 2012 as PAD 12-135 for consultation until 03 December 2012. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS - EIANA (Airworthiness Office), E-mail: account.airworth-A380@airbus.com.