


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2013-0024</b></p> <p><b>Date: 07 February 2013</b></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>	
<p><b>Design Approval Holder's Name:</b></p> <p>AIRBUS</p>	<p><b>Type/Model designation(s):</b></p> <p>A380 aeroplanes</p>
TCDS Number:	EASA.A.110
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 53</b>	<b>Fuselage – Belly Fairing Structure – Inspection / Repair</b>
Manufacturer(s):	Airbus
Applicability:	Airbus A380-841, A380-842 and A380-861 aeroplanes, all manufacturer serial numbers.
Reason:	<p>During scheduled maintenance checks accomplished by Airbus A380 operators, multiple corrosion spots were identified on belly fairing supports between frames (FR)35 and FR40 and between FR72 and FR76.</p> <p>Subsequent investigation results revealed that the corrosion of these frame areas was due to a lack of connection between drainage lines and belly fairing funnels, which caused water to flow into the affected frame zones.</p> <p>This condition, if not detected and corrected, could lead to uncontrolled corrosion development which may result in in-flight loss of belly fairing panels, possibly resulting in injuries to persons on the ground.</p> <p>To address this potential unsafe condition, Airbus issued Service Bulletin (SB) A380-53-8056, providing instructions for Detailed Inspections (DI) to detect corrosion of the affected belly fairing structure areas. Airbus also developed Airbus modification (mod.) 73133, embodied during production, to improve corrosion protection of affected areas. The associated Airbus SB A380-53-8057, which provides instruction for embodiment of mod 73133 in-service, is still under development. When Airbus SB A380-53-8057 will have been issued, this AD may be revised or superseded accordingly.</p> <p>For the reasons described above, this AD requires accomplishment of repetitive DI of affected belly fairing structure and, depending on corrosion findings, accomplishment of applicable corrective action(s).</p>

Effective Date:	21 February 2013
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 24 months since the aeroplane first flight, or within 6 months after the effective date of this AD, whichever occurs later, and thereafter, at intervals not to exceed 24 months, accomplish a DI of the belly fairing structure between FR35 and FR40 and between FR72 and FR76 in accordance with the instructions of Airbus SB A380-53-8056.</li> <li>(2) If, during any inspection as required by paragraph (1) of this AD, corrosion is found, before next flight, contact Airbus for approved repair instructions and accomplish those instructions accordingly.</li> <li>(3) Inspections and corrective actions, accomplished before the effective date of this AD, in accordance with A380 Maintenance Planning Document task 533500-00501-01, are acceptable to comply with the initial requirements of paragraphs (1) and (2) 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 A380-53-8056.</li> <li>(4) Aeroplanes on which Airbus mod 73133 has been embodied in production are not affected by the requirements of paragraph (1) of this AD, unless a belly access fairing panel, as identified in Appendix 1 of this AD, has been installed on that aeroplane since first flight.</li> </ol>
Ref. Publications:	<p>Airbus SB A380-53-8056 original issue dated 11 December 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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 17 January 2013 as PAD 13-009 for consultation until 31 January 2013. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS - EIANA (Airworthiness Office) E-mail: <a href="mailto:account.airworth-A380@airbus.com">account.airworth-A380@airbus.com</a>.</li> </ol>

**Appendix 1 – Affected Belly Fairing Access Panel Part Numbers (P/N) (pre-mod 73133)**

Belly Fairing Access Panel Reference	P/N
191BB	L5338172200200
	L5338172200400
192BB	L5338178600400
	L5338178600600
199AB	L5338572200400
	L5338572200600
	L5338572200800
199HB	L5338572400400
	L5338572400600
	L5338572401000
	L5338572401200
	L5338572500400
	L5338572500600
	L5338572500800
	L5338579400200
	L5338579400400