


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2008-0161R1</p> <p>Date: 23 March 2009</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 EC 1702/2003, Part 21A.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>Type Approval Holder's Name :</p> <p>AIRBUS</p>	<p>Type/Model designation(s) :</p> <p>A330 and A340-200/-300 aircraft</p>
<p>TCDS Number : EASA.A.004, EASA.A.015</p>	
<p>Foreign AD : Not applicable</p>	
<p>Revision: This AD revises EASA AD 2008-0161 dated 25 August 2008.</p>	
ATA 92	Electrical / Electronic Systems – Passenger Compartment Electrical Harness – Modification
<p>Manufacturer(s): AIRBUS (formerly AIRBUS INDUSTRIE)</p>	
<p>Applicability:</p>	<p>AIRBUS A330-201, A330-202, A330-203, A330-223, A330-243, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aircraft, all manufacturer serial numbers (MSN), except those on which AIRBUS modification 48825 has been embodied in production.</p> <p>AIRBUS A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aircraft, all MSN, except those on which AIRBUS modification 48825 has been embodied in production.</p>
<p>Reason:</p>	<p>Several reports have been received from A330 and A340 operators concerning chafing of the electrical harness behind the lavatory, located at L53, resulting in a number of short-circuits. This harness contains cables for lighting, plugs, loudspeakers and oxygen controls and indications.</p> <p>This condition, if not corrected, could lead to the short circuit of wires dedicated to oxygen, which, in case of emergency, could result in a large number of passenger oxygen masks (up to 32% of all seats) not being supplied with oxygen, possibly causing personal injuries.</p> <p>For the reasons described above, AD 2008-0154 was issued to require a wiring modification of the affected harnesses on right and left sides of the passenger compartment between frames (FR) 39.1 and 39.2 and between FR 53.3 and 53.4, on pre-modification 48825 aircraft (i.e. non-enhanced cabin).</p>

	<p>Since that AD was issued, it has been found that due to discrepancies in the referenced Airbus Service Bulletin (SB) at original issue, the modification should have been mandated at Revision 1 of the SB, rather than indicating that application of the SB at original issue is acceptable.</p> <p>For that reason, this EASA AD retains the requirements of EASA AD 2008-0154, which is superseded, amends the requirement to specify that the SB must be accomplished at Revision 1 and that for aircraft on which the SB at original issue has already been accomplished, additional work must be done.</p> <p>This Revision 1 is issued to extend the AD compliance time, which originally was 20 months, to 24 months after 22 August 2008 [effective date of AD 2008-0154] or to 24 months after the effective date of this AD, depending on the applicable requirement.</p>
Effective Date:	08 September 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 24 months after 22 August 2008 [the effective date of AD 2008-0154], modify the affected passenger compartment electrical harnesses in accordance with the instructions of Airbus SB A330-92-3066 Revision 01 or SB A340-92-4071 Revision 01, as applicable to aircraft model.</p> <p>(2) For aircraft that have already been modified, prior to the effective date of this AD, in accordance with the instructions of Airbus SB A330-92-3066 at original issue or SB A340-92-4071 at original issue, as applicable to aircraft model, within 24 months after the effective date of this AD, accomplish the additional work in accordance with the instructions of Airbus SB A330-92-3066 Revision 01 or SB A340-92-4071 Revision 01, as applicable to aircraft model.</p>
Ref. Publications:	<p>AIRBUS SB A330-92-3066 Revision 01 dated 01 August 2008; AIRBUS SB A340-92-4071 Revision 01 dated 01 August 2008.</p> <p>The use of later approved revisions of these documents 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. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification 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 – Airworthiness Office – EAL, Fax: + 33 5 61 93 45 80 or + 33 5 61 93 44 51, E-mail: airworthiness.A330-A340@airbus.com .