


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2013-0196</p> <p>Date: 28 August 2013</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 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>	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A330 and A340-200/300 aeroplanes
TCDS Number:	EASA.A.004, EASA.A.015
Foreign AD:	Not applicable
Supersedure:	None
ATA 92	Electric and Electronic Common Installation – Harness at Door 3 Area – Modification
Manufacturer(s):	Airbus (formerly Airbus Industries)
Applicability:	<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 aeroplanes, all manufacturer serial numbers (MSN) on which Airbus Modification (Mod) No 48825 is embodied in production, except those on which Mod No 52485 or Mod No 40161 or Mod No 201669 are embodied.</p> <p>Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aeroplanes, all MSN on which Airbus Mod No 48825D42865 is embodied in production, except those on which Mod No 55606 or Mod No 40161 are embodied.</p>
Reason:	<p>On the production line, electrical harnesses 1523VB and 1524VB have been found in contact with hatrack rod at Frame (FR) 53.7 between stringers (STR) 14 and 15. It was concluded that there is a risk of chaffing between these harnesses and the surrounding structure, which could lead to a short circuit on two oxygen chemical generator containers in different wiring routes. Consequently, the electrical opening of all the containers connected to these routes would not be possible, resulting in a malfunction of up to two thirds of the affected containers.</p> <p>This condition, if not corrected, could lead, in case of a sudden depressurisation event, to lack of oxygen supply, possibly resulting in injuries to aeroplane occupants.</p> <p>To address this potential unsafe condition, Airbus developed two modifications of the routing of the affected harnesses.</p>

	For the reasons described above, this AD requires modification of the routing of harnesses 1523VB and 1524VB.
Effective Date:	11 September 2013
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 24 months after the effective date of this AD, modify the routing of the harnesses 1523VB and 1524VB at the level of the door 3 area at Left Hand and Right Hand sides in accordance with the instructions of Airbus SB A330-92-3098 or Airbus SB A340-92-4084, as applicable to aeroplane model.
Ref. Publications:	Airbus SB A330-92-3098 original issue dated 11 January 2013. Airbus SB A340-92-4084 original issue dated 11 January 2013. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
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 18 June 2013 as PAD 13-080 for consultation until 16 July 2013. 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 – Airworthiness Office – EIAL; E-mail: airworthiness.A330-A340@airbus.com.

REVISION