

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2014-0161 Date: 10 July 2014 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.
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].	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A330 and A340 aeroplanes
TCDS Number: EASA.A.004 and EASA.A.015	
Foreign AD: Not applicable	
Supersedure: None	
ATA 92	Electric / Electronic Common Installation – Constant Speed Motor / Generator Harness – Modification
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-202, A330-203, A330-223 and A330-243 aeroplanes, all Manufacturer Serial Numbers (MSN) on which Airbus modification (Mod) 45775, 45790, 45795, 46165, 46779, 48099, 48454, 52131, 52802, 53730, 53819, 54310, 54410, 54530, 54420, 55231, 55630, 56080, 56260, 56620, 57186, 57430, 200774, 201071, 201298, 201888, 202558 or 203045 has been embodied in production, except those on which Airbus Mod 203395 has been embodied in production. Airbus A340-211, A340-212, A340-311 and A340-313 aeroplanes, all MSN on which Airbus Mod 40413, 40550, 40901, 42021, 43590 or 46487 has been embodied in production, except those on which Airbus Mod 203395 has been embodied in production.
Reason:	A hard contact was found on an A330 aeroplane during production between the Constant Speed Motor / Generator (CSM/G) feeder line route 6G/6E (Functional Item Number 1526VB) and the optional cabin temperature control pipe on the upper shell between Frame (FR)37.4 and FR38 on stringer 5, right hand (RH) side. This condition, if not corrected, may lead to chafing and, consequently, a short circuit when the emergency generation is activated, resulting in the loss of emergency generation. The loss of normal generation combined with the loss of emergency generation jeopardizes the aeroplane safe flight. To address this potential unsafe condition, Airbus developed a modification to provide adequate clearance between harness 1526VB and the affected

	(optional) air-conditioning temperature control pipe. A340-200/-300 aeroplanes equipped with this optional cabin temperature control pipe are also affected by this issue. The modification can be embodied in service through Airbus Service Bulletin (SB) A330-92-3125, or SB A340-92-4097, as applicable. For the reasons described above, this AD requires modification of the CSM/G mounting with installation of new stacking and/or longer bracket, depending on aeroplane configuration.
Effective Date:	24 July 2014
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 CSM/G harness mounting system on upper shell between FR37.4 and FR38 on the stringer 5 RH side in accordance with the instructions of Airbus SB A330-92-3125 or SB A340-92-4097, as applicable to aeroplane type.
Ref. Publications:	Airbus SB A330-92-3125 original issue dated 18 October 2013. Airbus SB A340-92-4097 original issue dated 18 October 2013. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 06 June 2014 as PAD 14-095 for consultation until 04 July 2014. No comments were received during the consultation period. 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.