


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2011-0054</b></p> <p><b>Date: 24 March 2011</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 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><b>Type Approval Holder's Name :</b></p> <p>AIRBUS</p>		<p><b>Type/Model designation(s) :</b></p> <p>A318, A319, A320 and A321 aeroplanes</p>
TCDS Number :	EASA.A.064	
Foreign AD :	Not applicable.	
Supersedure :	None	
<b>ATA 92</b>		
<b>Electric and Electronic Common Installation – Terminal Modules – Identification / Replacement</b>		
Manufacturer(s):	Airbus (formerly Airbus Industrie)	
Applicability:	Airbus A318-112, A319-111, A319-112, A319-115, A319-132, A319-133, A320-214, A320-216, A320-232, A320-233, A321-211, A321-213 and A321-231 aeroplanes, manufacturer serial numbers (MSN) 3603, 3605, 3607, 3610, 3613, 3615 to 3619 inclusive, 3622 to 3627 inclusive, 3629, 3631 to 3634 inclusive, 3636, 3639, 3645, 3647, 3653, 3655, 3657, 3660, 3661, 3663, 3671, 3675, 3687, 3689, 3691, 3694, 3696, 3700, 3702, 3704 and 3705.	
Reason:	<p>Electrical discontinuity has been detected on terminal modules Part Number (P/N) NSA 937901M1604, manufactured by Deutsch, due to an insufficient crimping of the female contacts on the shunt, caused by a wrong setting of the crimping tool.</p> <p>The investigations revealed that this manufacturing quality deficiency is related only to modules P/N NSA 937901M1604 with manufacturing date codes 08-14 and 08-18.</p> <p>This condition, if not corrected, could potentially result in in-flight failure of the Electrical Flight Control System (EFCS) and consequent loss of control of the aeroplane. In addition, this condition could lead to a non detected passenger oxygen loss, which, in case of emergency, could result in a large number of passenger oxygen masks not being supplied with oxygen, possibly causing personal injuries.</p> <p>For the reasons described above, this AD requires the identification and replacement of the affected terminal modules. This AD also prohibits the installation of the affected modules on any aeroplane as replacement parts.</p>	
Effective Date:	07 April 2011	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 600 flight hours after the effective date of this AD, identify the manufacturing date code of each Deutsch module P/N NSA 937901M1604 installed on the aeroplane, which can be installed on electronics rack 103VU, pylon harnesses, S15/19 harnesses and/or electronics rack 80VU, as applicable to the aeroplane MSN.</li> <li>(2) If any module with manufacturing date code 08-14 is installed on the electronics rack 103VU, pylon harnesses and/or S15/19 harnesses, or if any module with manufacturing date code 08-14 or 08-18 is installed on the electronics rack 80VU, as applicable to the aeroplane MSN, before next flight, replace each affected module with a serviceable part, having the same P/N but a different date code, in accordance with the instructions of Airbus Service Bulletin (SB) A320-92A1072.</li> <li>(3) After modification of an aeroplane as required by paragraph (2) of this AD, do not install a Deutsch module P/N NSA 937901M1604 with a manufacturing date code of 08-14 or 08-18 on that aeroplane.</li> </ol>
<p>Ref. Publications:</p>	<p>Airbus Service Bulletin A320-92A1072 at original issue.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<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 08 February 2011 as PAD 11-017 for consultation until 08 March 2011. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification 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 – Airworthiness Office – EAS Fax +33 5 61 93 44 51, E-mail: <a href="mailto:account.airworth-eas@airbus.com">account.airworth-eas@airbus.com</a>.</li> </ol>