


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2015-0011
	Date: 20 January 2015 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 EU 1321/2014 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 [EU 1321/2014 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: EADS-CASA	Type/Model designation(s): CN-235 aeroplanes
TCDS Number: EASA.A.186	
Foreign AD: Not applicable	
Supersedure: None	
ATA 26	Fire Protection – Engine Fire Extinguishing / Detection System – Modification
Manufacturer(s): EADS-CASA, formerly Construcciones Aeronáuticas S.A. (CASA)	
Applicability: CN-235-200 and CN-235-300 aeroplanes, manufacturer serial numbers from C-018 to C-211, inclusive.	
Reason:	<p>Several cases of false engine fire warning events were reported, which consequently led to engine in-flight shut down (IFSD) executed by the flight crew using the appropriate emergency procedures. Subsequent investigation determined that these false engine fire warnings were the result of insufficient insulation capability of the engine fire detection system. This allowed penetration of moisture into the fire detector connectors, reducing the insulation resistance between the inner electrode and connector housing below the required values.</p> <p>This condition, if not corrected, could lead to further cases of unnecessary engine IFSD, possibly resulting in reduced control of the aeroplane.</p> <p>To address this potential unsafe condition, EADS-CASA issued Service Bulletin (SB) SB235-26-0006 providing modification instructions.</p> <p>For the reasons described above, this AD requires modification of the location and routing of the engine fire detection system.</p>
Effective Date:	03 February 2015

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 18 months after the effective date of this AD, modify the location and routing of the engine fire detection system in accordance with EADS-CASA SB SB235-26-0006.
Ref. Publications:	EADS-CASA SB235-26-0006 original issue, dated 08 July 2014. The use of later approved revisions of this document 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 19 December 2014 as PAD 14-178 for consultation until 16 January 2015. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information 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: EADS CASA (Airbus Military) Services / Engineering Support e-mail: MTA.TechnicalService@military.airbus.com. Fax: +34 91 585 3127 For US operators, contact alternatively: e-mail: TechnicalSupport@airbusmilitaryna.com.