


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 08-058</p> <p>Date: 28 May 2008</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.</p> <p>All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
<p>Type Approval Holder's Name :</p> <p>EADS-CASA (formerly Construcciones Aeronáuticas, S.A.)</p>	<p>Type/Model designation(s) :</p> <p>CN-235 series aircraft</p>
<p>TCDS Number : EASA A.186</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<p>ATA 30</p>	<p>Ice & Rain Protection – Anti-Ice Boots Control System – Modification</p>
<p>Manufacturer(s):</p>	<p>EADS-CASA; Construcciones Aeronáuticas S.A.(CASA)</p>
<p>Applicability:</p>	<p>CN-235, CN-235-100, CN-235-200 and CN-235-300 aircraft, all serial numbers up to, but not including, C-139.</p>
<p>Reason:</p>	<p>During operation in icing conditions, an asymmetric configuration of the de-icing boots was detected, occurring during the inflation and deflation check of the de-icing system. This was found to be due to an unexpected failure mode in the pneumatic and anti-icing system's control electronic logic. This condition, if not corrected, could affect the de-icing capabilities of the boots installed on the wing and horizontal stabilizers, potentially leading to loss of control of the aircraft.</p> <p>To address and correct this unsafe condition, EADS-CASA developed modification 31558, approved by DGAC-Spain and incorporated into the Type Design Definition through the approval of CN-235-300 version AE02, revision 14 of Spanish Type Certificate DGAC 01/86, dated 22 March 2002, and modification 31607, Minor Change approved by EADS-CASA under their DOA 21J.032 privileges, complementary to modification 31558. The entire modification package consists of an improvement of the anti-icing boots electronic control system, making it capable of detecting all possible boot configurations on wings and horizontal stabilizers without affecting pneumatic system functions. The instructions for the in-service accomplishment of this modification have been published as CN-235 Service Bulletin (SB) 235-30-16 dated 21 January 2005.</p>

	For the reasons described above, this EASA AD requires the modification of the Anti-Ice Boots control system in all aircraft that have not yet implemented the modification.
Effective Date:	[TBD: 14 days after final AD issue date]
Required action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within the next 6 months after the effective date of this AD, modify the aircraft anti-icing boots control system in accordance with the accomplishment instructions of EADS-CASA SB 235-30-16.
Ref. Publication:	EADS-CASA CN-235 SB 235-30-16 dated 21 January 2005. 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. This Proposed AD will be closed for consultation on 25 June 2008. 2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA; E-mail ADs@easa.europa.eu. 3. For any questions concerning the technical content of the requirements in this PAD, please contact: EADS-CASA, Military Transport Aircraft Division (MTAD), Integrated Customer Services (ICS), Technical Services, Avenida de Aragón 404, 28022 Madrid, Spain; Telephone +34 91 585 55 84; Facsimile +34 91 585 55 05; E-mail: MTA.TechnicalService@casa.eads.net