


EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2008-0155	
	Date: 11 August 2008	
<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>		
Type Approval Holder's Name :	Type/Model designation(s) :	
EADS-CASA	C-212 aircraft	
TCDS Number :	Spain No. 01-82	
Foreign AD :	Not applicable	
Supersedure :	None	
ATA 34	Navigation – Pitot / Static Tubes – Inspection / Replacement	
Manufacturer(s):	EADS-CASA, Construcciones Aeronáuticas, S.A. (CASA)	
Applicability:	<p>C-212-CB, C-212-CC, C-212-CD, C-212-CE, C-212-CF, C-212-DE and C-212-VA aircraft, all serial numbers, if Part Number (P/N) 212-61105.1 or 212-61105.2 pitot tubes are installed.</p> <p>Note: EADS-CASA SB 212-34-11 Revision 1 only refers to Models C-212-CB, C-212-CC, C-212-CD and C-212-CE aircraft and serial numbers. This AD also applies to Models C-212-CF, C-212-DE and C-212-VA aircraft, even though there are no civil-registered Models C-212-CF, C-212-DE and C-212-VA aircraft known to be in service today.</p>	
Reason:	<p>Incidents have been reported on Britten-Norman BN-2 aircraft, where cracks were found in the inner shell of the pitot/static pressure heads. The investigation concluded that these pitot tubes, supplied by Thales Optronics, could be operated outside their voltage specification. On December 15th, 2005, CAA United Kingdom issued AD G-2005-0034 (EASA approval number 2005-6447), later superseded by EASA AD 2006-0143, to require inspections and leak tests on Britten-Norman aircraft. Subsequently, it has been discovered that the same tubes are supplied to EADS-CASA for installation on C-212 aircraft, one for the pilot side and one for the co-pilot side. So far, EADS-CASA has not received any report of cracked pitot tubes from C-212 operators.</p> <p>This condition, if not corrected, could result in incorrect readings on the pressure instrumentation e.g. altimeters, vertical speed indicators (rate of climb) and airspeed indicators, potentially leading to navigational errors.</p> <p>For the reasons described above, this EASA AD requires the inspection of the affected pitot tubes and, if cracks are found, replacement of those tubes with the new P/N 212-A0150-0001 and 212-A0150-0002 pitot tubes.</p>	

Effective Date:	25 August 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within one month or 300 flight hours (FH), whichever occurs first after the effective date of this AD, and thereafter at intervals not to exceed 300 FH, perform a detailed inspection of the affected pitot/static tubes for radial cracking around the top lip of the dynamic port in accordance with the instructions of EADS-CASA C-212 Maintenance Manual, Chapter 5, Revision 5, June 2002, common to all models.</p> <p>(2) If cracks are found during any inspection as required by paragraph (1) of this AD, before next flight, replace the tube with a new P/N 212-A0150-0001 or 212-A0150-0002 pitot tube in accordance with the instructions of EADS-CASA SB 212-34-11 Revision 1.</p>
Ref. Publications:	<p>EADS-CASA C-212 Maintenance Manual, Chapter 5, Revision 5, June 2002, common to all models.</p> <p>EADS-CASA SB 212-34-11 Revision 1 dated 27 February 2008.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
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 07 July 2008 as PAD 08-061 for consultation until 04 August 2008. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research 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, 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