


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2013-0045</p> <p>Date: 27 February 2013</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 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].</p>	
<p>Design Approval Holder's Name :</p> <p>AGUSTAWESTLAND S.p.A.</p>	<p>Type/Model designation(s) :</p> <p>AB 205 A-1 helicopters</p>
<p>TCDS Number: ENAC Italy A370</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
ATA 24	Electrical Power – Starter / Generator Power Cable – Replacement
Manufacturer(s):	Agusta S.p.A (formerly Costruzioni Aeronautiche G. Agusta S.p.A.)
Applicability:	AB 205 A-1 helicopters, all serial numbers (s/n).
Reason:	<p>Bell Helicopter Textron Inc. determined that that the power cable assembly connector installed on Bell 205 helicopters can deteriorate.</p> <p>This condition, if not corrected, could cause a short in the connector that may lead to a fire in the starter/generator, smoke in the cockpit that reduces visibility, ultimately causing the loss of helicopter control.</p> <p>To address this unsafe condition, Bell Helicopter Textron Inc. issued two Service Bulletins (SBs), describing procedures for replacing the power cable assemblies and associated parts. The FAA issued AD 2012-26-11 to require accomplishment of those SBs for helicopters in service.</p> <p>AgustaWestland, taking into account the commonality of the Bell 205A-1 and the AB 205 A-1 helicopter designs, accomplished a detailed design review of the installation with the conclusion that the affected parts are also installed on AB 205 A-1 helicopters. Consequently, AgustaWestland issued Bolletino Tecnico (BT) 205A1-132, giving instructions for the replacement of the power cable assemblies and associated parts.</p> <p>For the reasons described above, this AD requires replacement of the power cable assemblies and associated parts with improved parts. This AD also prohibits installation of the affected parts on a helicopter after it has been modified.</p>

Effective Date:	13 March 2013
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 5 months after the effective date of this AD, replace the power cable assemblies Part Number (P/N) 205-075-902-17 and P/N 205-075-911-7 with serviceable parts in accordance with the instructions of AgustaWestland BT 205A1-132. (2) After modification of a helicopter as required by paragraph (1) of this AD, do not install power cable assemblies P/N 205-075-902-17 and P/N 205-075-911-7 on a helicopter.
Ref. Publications:	<p>AgustaWestland BT 205A1-132 dated 24 January 2013.</p> <p>The use of later approved revisions of this document 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 28 January 2013 as PAD 13-022 for consultation until 25 February 2013. 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: AgustaWestland S.p.A. Customer Support Via del Gregge, 100 - 21015 Lonate Pozzolo (VA) – Italy Telephone + 39 0331 664600 ; Fax: + 39 0331 664684 E-mail: custserv@agustawestland.com.