


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2010-0171</p> <p>Date: 17 August 2010</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>	
Type Approval Holder's Name : Agusta S.p.A.	Type/Model designation(s) : AB412/AB412EP helicopters
TCDS Number : ENAC Italy SO/A 375	
Foreign AD : Not applicable	
Supersedure : None	
ATA 53	Fuselage – Wire Strike Protection System (WSPS) – Upper Cable Cutter- Inspection / Replacement
Manufacturer(s):	Agusta S.p.A.
Applicability:	AB412 and AB412EP helicopters, all serial numbers.
Reason:	<p>An occurrence has been reported of an in-flight contact between the upper cable cutter and the main rotor blades of an AB412 helicopter.</p> <p>The investigation carried out by Agusta has identified that an incorrect upper cutter deflector part number (P/N) was installed, which was longer than the required one.</p> <p>This condition, if not corrected, could cause damage to the rotor blades and lead to loss of control of the helicopter.</p> <p>As this unsafe condition is likely to occur in other helicopters of the same type design, this AD requires the inspection of the wire strike upper cable cutter to verify the installation of the proper P/N through the measurement of its length and the accomplishment of the associated corrective actions, as necessary.</p>
Effective Date:	31 August 2010
Required action(s) and Compliance Time(s):	<p>Required as indicated unless accomplished previously:</p> <p>(1) Within 25 flight hours (FH) after the effective date of this AD but no later than 2 months after the effective date of this AD, whichever occurs first, inspect the length of the cable cutter deflector or the length of the cable cutter assembly, as applicable</p>

	<p>depending on the cable cutter kit P/N which is installed on the helicopter, in accordance with the instructions of Agusta Bollettino Tecnico (BT) 412-129.</p> <p>(2) If the length of the upper cutter deflector or of the cable cutter assembly exceeds the relevant length as indicated in Agusta BT 412-129, before next flight replace the deflector or the cut assembly, as applicable depending on the cable cutter kit P/N which is installed on the helicopter, in accordance with the instructions of Agusta BT 412-129.</p>
Ref. Publications:	<p>Agusta Mandatory Bollettino Tecnico 412-129 dated 22 July 2010.</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. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 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: Agusta S.p.A. Customer Support – Via per Tornavento, 15 21019 Somma Lombardo (VA) – Italy; Phone + 39 0331 711222; Fax: + 39 0331 711254; E-mail: absereng@agustawestland.com.