


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2008-0142-E</p> <p>Date: 30 July 2008</p> <p>Note: This Emergency 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>
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 :</p> <p>Agusta S.p.A</p>	<p>Type/Model designation(s) :</p> <p>AB412 helicopters</p>
TCDS Number : Italy (ENAC) SO/A 157	
Foreign AD : Not applicable	
Supersedure : None	
ATA 04	Time Limits / Maintenance Checks – Rescue Hoist Cable Assembly Retirement Life Limitation – Introduction
Manufacturer(s):	Agusta S.p.A
Applicability:	AB 412 and AB 412EP helicopters, all serial numbers, that have internal hoist Part Number (P/N) 214-070-300-1 (Goodrich P/N 42277-1) or external hoist P/N BL-10300-60 (Breeze Eastern) or P/N BL-20200-SERIES (Breeze Eastern) installed.
Reason:	<p>Agusta has recently published Revision 6 for Chapter 4 of the AB412 Maintenance Manual, AB412-MM, to introduce a retirement life limit for the cables installed on the internal hoist P/N 214-070-300-1 (Goodrich P/N 42277-1), external hoists P/N BL-10300-60 (Breeze Eastern) and P/N BL-20200-SERIES (Breeze Eastern). In addition, Agusta has introduced the concept of “hoist lift” to be used for the determination of cable life, instead of the term “hoist cycle”. The newly established retirement life is 1 500 accumulated hoist lifts or 4 years, whichever occurs first.</p> <p>Consistent with a new EASA policy to mandate new or reduced airworthiness limitations (including life limited parts) by AD, this Emergency AD requires the amendment of the approved aircraft maintenance programme to incorporate the new retirement life limit and the replacement of all affected hoist cable assemblies that have exceeded that limit. In addition, a replacement time has been established for hoist cable assemblies for which the accumulated number of “hoist cycles” cannot be determined.</p>
Effective Date:	01 August 2008

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before next flight after the effective date of this AD, identify the affected rescue hoist cable assemblies and determine the number accumulated of "hoist cycles" for each unit, in accordance with the instructions of Agusta Alert Bollettino Tecnico 412-126, and replace any units that have reached or exceeded the new retirement life limit. (2) Within the next 30 days after the effective date of this AD, amend the approved aircraft maintenance programme to incorporate the new life limit, in accordance with Chapter 4 of Agusta Maintenance Manual AB412-MM Rev. 6 dated 27 June 2008. (3) Thereafter, within the thresholds and intervals indicated in Chapter 4 of Agusta Maintenance Manual AB412-MM Rev. 6, replace each rescue hoist cable assembly with a serviceable unit. (4) If it is not possible to determine the "hoist cycles" and/or date of hoist cable assembly installation, as required by paragraph (1) of this AD, not later than 31 October 2008, replace the hoist cable assembly with a serviceable unit.
Ref. Publications:	<p>Agusta Alert Bollettino Tecnico 412-126 dated 28 July 2008.</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 safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 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; Telephone + 39 0331 711222; Fax: + 39 0331 711254; E-mail: absereng@agustawestland.com