

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	AD No.: 2012-0086-E Date: 18 May 2012 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.
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].	
Design Approval Holder's Name: AgustaWestland S.p.A.	Type/Model designation(s): AB412 and AB412EP helicopters
TCDS Number: ENAC Italy SO/A 375	
Foreign AD: Not applicable	
Supersedure: This AD supersedes EASA AD 2012-0077-E dated 03 May 2012.	
ATA 25	Equipment & Furnishings – Hoist Hook – Inspection
Manufacturer(s):	AgustaWestland S.p.A (formerly Agusta S.p.A.), AgustaWestland Philadelphia Corporation (formerly Agusta Aerospace Corporation).
Applicability:	AB412 and AB412EP helicopters, all serial numbers.
Reason:	An occurrence was reported where the hoist hook separated from an Agusta AB412 helicopter. The initial results of the technical investigation revealed that the nut and housing hook were not properly attached. This condition, if not detected and corrected, could lead to detachment of an external load or person from the helicopter hoist, possibly resulting in personal injury, or injury to persons on the ground. To address this potential unsafe condition, AgustaWestland issued Bollettino Tecnico (BT) 412-132, which provides instructions to inspect the hoist hook and EASA issued AD 2012-0077-E which required, for helicopters equipped with hoist hook assembly Part Number (P/N) HK-118-2, a one-time inspection of the hoist hook and, depending on findings, correction of the hoist hook installation attachment. In addition, that AD required repetitive inspections of the hoist hook installation after each disassembly. Since issuance of EASA AD 2012-0077-E, it has been determined that the same condition might be present for helicopters equipped with hoist hook assembly P/N BL-5740-8. To address this potential unsafe condition, AgustaWestland issued BT 412-133, which provides instructions to inspect the hoist hook assembly P/N BL-5740-8.

	For the reasons described above, this AD retains the requirements of EASA AD 2012-0077-E which is superseded, and expands the applicability of the AD to helicopters equipped with hoist hook assembly P/N BL-5740-8.
Effective Date:	19 May 2012
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Re-statements of requirements of EASA AD 2012-0077-E: (1) Before next flight after 04 May 2012 [the effective date of AD 2012-0077-E], for helicopters equipped with hoist P/N 412-8800-01-202 (Breeze Eastern P/N BL-20200-402) and/or hoist P/N 412-8800-01-412 (Breeze Eastern P/N BL-20200-412), where hoist hook assembly P/N HK-118-2 is installed, inspect the hoist hook assembly in accordance with the instructions of AgustaWestland BT 412-132. (2) After 04 May 2012 [the effective date of AD 2012-0077-E], before next flight following each disassembly and subsequent reassembly of the hoist hook assembly P/N HK-118-2, inspect the hoist hook assembly in accordance with the instructions of AgustaWestland BT 412-132. (3) If, during any inspection as required by paragraph (1) or (2) of this AD, as applicable, a discrepancy is detected, before next flight, correct the hoist hook assembly installation in accordance with the instructions of AgustaWestland BT 412-132. (4) From 04 May 2012 [the effective date of AD 2012-0077-E], do not install on a helicopter a hoist hook assembly P/N HK-118-2, unless it has passed the inspection in accordance with the instructions of AgustaWestland BT 412-132. New requirements of this AD: (5) Before next flight after the effective date of this AD, for helicopters equipped with hoist P/N BL-20200-75 (Breeze Eastern) and/or hoist P/N BL-20200-95 (Breeze Eastern), where hoist hook assembly P/N BL-5740-8 is installed, inspect the hoist hook assembly in accordance with the instructions of AgustaWestland BT 412-133. (6) After the effective date of this AD, before next flight following each disassembly and subsequent reassembly of the hoist hook assembly P/N BL-5740-8, inspect the hoist hook assembly in accordance with the instructions of AgustaWestland BT 412-133. (7) If, during any inspection as required by paragraph (1) or (2) of this AD, as applicable, a discrepancy is detected, before next flight, correct the hoist hook assembly installation in accordance with the instructions of AgustaWestland BT 412-133. (8) From the effective date of this AD, do not install on a helicopter a hoist hook assembly P/N BL-5740-8, unless it has passed the inspection in accordance with the instructions of AgustaWestland BT 412-133.
Ref. Publications:	AgustaWestland BT 412-132 original issue dated 02 May 2012. AgustaWestland BT 412-133 original issue dated 17 May 2012. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process.

	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 0331-664873 ; Fax: + 39 0331-664680 E-mail: absereng@agustawestland.com.
--	--