


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<b>AD No.: 2015-0072-E</b>
	<b>Date: 30 April 2015</b>  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 EU 748/2012, Part 21.A.3B. In accordance with EU 1321/2014 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
<b>Design Approval Holder's Name:</b> AGUSTAWESTLAND S.p.A.	<b>Type/Model designation(s):</b> AB 412 and AB 412 EP helicopters
TCDS Number:	EASA.R.114
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 56</b>	<b>Windows – Passenger Doors / Window Frames – Inspection</b>
Manufacturer(s):	AgustaWestland S.p.A. (formerly Agusta S.p.A)
Applicability:	AB 412 and AB 412 EP helicopters, all serial numbers.
Reason:	<p>A report was received of an in-flight loss of a passenger door window on an AB 412 helicopter.</p> <p>Investigations determined that the window separation was caused by the absence of adhesive between the retainer seal and the window frame, most likely due to incorrect maintenance.</p> <p>The absence of adhesive, if not detected and corrected, could lead to other cases of window separation in flight, possibly resulting in injury to passengers or persons on the ground and/or damage to the helicopter.</p> <p>To address this unsafe condition, AgustaWestland issued Bollettino Tecnico (BT) 412-142 to provide instructions for inspection and corrective action.</p> <p>For the reason described above, this Emergency AD requires a one-time inspection for bonding of the retainer seal in the window frames on both left-hand (LH) and right-hand (RH) passenger doors and, if a retainer seal in the window frame is found unbonded, re-installation of the window.</p>
Effective Date:	05 May 2015

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 5 flight hours after the effective date of this AD, accomplish a one-time inspection of the retainer seals in the window frames on both LH and RH passenger doors for bonding in accordance with the instructions of AgustaWestland BT 412-142.</li> <li>(2) If, during the inspection as required by paragraph (1) of this AD, a retainer seal in the window frame is found unbonded, before next flight, remove and re-install the affected window and retainer seal in accordance with the instructions of AgustaWestland BT 412-142.</li> </ol>
Ref. Publications:	<p>AgustaWestland BT 412-142 original issue, dated 28 April 2015.</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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact:  AgustaWestland S.p.A, Customer Support &amp; Services – Italy,  Product Support Engineering Dpt., Via Giovanni Agusta, 520,  21017 Cascina Costa di Samarate (VA) – ITALY  Tel.: +39 0331 711439, Fax: +39 0331 225988.  E-mail: <a href="mailto:absereng@agustawestland.com">absereng@agustawestland.com</a>.</li> </ol>