

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2015-0157</p> <p>Date: 30 July 2015</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 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].</p>		
<p>Design Approval Holder's Name: AIRBUS HELICOPTERS</p>	<p>Type/Model designation(s): EC 155 helicopters</p>	
TCDS Number:	EASA.R.105	
Foreign AD:	Not applicable	
Supersedure:	None	
ATA 52	Doors – Jettisoning System of the Pilot and Co-pilot Doors – Functional Check	
Manufacturer(s):	Airbus Helicopters (formerly Eurocopter, Eurocopter France, Aerospatiale).	
Applicability:	EC 155 B1 helicopters, all serial numbers delivered after manufacturing before 30 June 2015, and equipped with pilot or co-pilot doors jettisoning system in accordance with Airbus Helicopters modification POST MOD 0752C05, except helicopters on which Aircraft Maintenance Manual (AMM) task 52-11-00-712 was accomplished on both pilot and co-pilot doors since last crew door installation.	
Reason:	<p>Difficulties were encountered when jettisoning the co-pilot door on an EC155 B1 helicopter during a non-scheduled maintenance operation. Subsequent investigation determined that the failure cause was an inadequate greasing of the tenons in production line.</p> <p>This condition, if not detected and corrected, could lead to jamming of the affected door jettisoning mechanism, and ultimately reduce the ability of the flight crew to evacuate in the event of an emergency situation.</p> <p>To address this potential unsafe condition, Airbus Helicopters issued Alert Service Bulletin (ASB) EC155-52A032 to provide functional test instructions.</p> <p>For the reasons described above, this AD requires a functional check of the pilot and co-pilot door jettisoning system and, depending on findings, the accomplishment of corrective actions.</p>	
Effective Date:	13 August 2015	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 110 flight hours or 2 months, whichever occurs first after the effective date of this AD, accomplish a pilot and co-pilot door jettisoning system functional check in accordance with the instructions of paragraph 3.B. of ASB EC155-52A032. (2) If, during the functional check as required by paragraph (1) of this AD, jettisoning of any crew door cannot be accomplished, before next flight, grease the tenons and restore the jettisoning system of the affected door in accordance with the AMM instructions, or contact Airbus Helicopters for approved instructions and accomplish those instructions accordingly.
<p>Ref. Publications:</p>	<p>Airbus Helicopters ASB EC155-52A032 revision 0, dated 22 July 2015.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 3. Enquiries regarding this AD should be referred to the Safety Information 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: Airbus Helicopters (EBSESB) – Aéroport de Marseille Provence 13725 Marignane Cedex, France; Telephone +33 (4) 42 85 97 97; Fax +33 (4) 42 85 99 66; E-mail: Directive.technical-support@airbus.com.