

EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2010-0040	
	Date: 11 March 2010	
<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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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 :	Type/Model designation(s) :	
EUROCOPTER	EC 155 helicopters	
TCDS Number :	France No. 159	
Foreign AD :	Not Applicable	
Supersedure :	None	
ATA 52	Doors - Jettisoning System of the Pilot's and Co-pilot's Doors - Test / Rework	
Manufacturer(s):	EUROCOPTER (formerly EUROCOPTER France)	
Applicability:	EUROCOPTER EC 155 B and B1 helicopters, all serial numbers, delivered before 01/01/2010 with pilot's and co-pilot's doors equipped with jettisoning option post MOD 0752C05.	
Reason:	<p>It has been reported a difficulty encountered when jettisoning pilot's and co-pilot's doors on an EC155 B1 helicopter during a basic inspection.</p> <p>Investigation performed at EUROCOPTER has shown that in some cases of assembly, the fit of the pilot's and co-pilot's door hinge studs is too tight and leads to an abnormally high jettisoning load.</p> <p>This condition, if not corrected, may lead to jam pilot's and co-pilot's doors jettisoning which could reduce the ability of flight crew evacuation in the event of an emergency situation.</p> <p>For the reasons stated above, this AD requires to perform a jettisoning test of the pilot's and co-pilot's doors and the accomplishment of the relevant corrective actions (sanding and greasing the door hinge studs) depending of the outcomes of the test.</p>	
Effective Date:	25 March 2010	

<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 the next 110 flight hours or 2 months, whichever occurs first after the effective date of this AD, perform a jettisoning functional test of the pilot's and co-pilot's doors in accordance with the instructions of paragraph 2.B.1 of EUROCOPTER Alert Service Bulletin (ASB) EC 155 52A028 revision 0. (2) Thereafter, each time a pilot's and/or co-pilot's door is installed or replaced, repeat the jettisoning functional test of the pilot's and co-pilot's doors in accordance with the instructions of paragraph 2.B.1 of EUROCOPTER ASB EC 155 52A028 revision 0. (3) Depending on the outcomes of the functional tests required by paragraphs (1) or (2) of this AD, before next flight, accomplish corrective actions in accordance with the instructions of paragraph 2.B.2 of EUROCOPTER ASB EC 155 52A028 revision 0.
<p>Ref. Publications:</p>	<p>EUROCOPTER EC 155 Alert Service Bulletin No. 52A028 revision 0 dated 04 February 2010.</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. 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: EUROCOPTER (STDI) - Aéroport de Marseille Provence 13725 Marignane Cedex, France. Telephone +33 (0) 4 42 85 97 97, Fax +33 (0) 4 42 85 99 66 E-mail: Directive.technical-support@eurocopter.com.