

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0107 Date: 07 June 2011 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.
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].	
Type Approval Holder's Name : Eurocopter Deutschland GmbH	Type/Model designation(s) : MBB-BK117 C-2 helicopters
TCDS Number : EASA.R.010	
Foreign AD : Not applicable	
Supersedure : None	
ATA 52	Doors – Sliding Door Emergency Jettison System – Inspection
Manufacturer(s):	Eurocopter Deutschland GmbH
Applicability:	MBB-BK117 C-2 helicopters, all serial numbers, if equipped with jettisonable sliding doors.
Reason:	In early 2010, EASA received a report stating that, during the opening of a jettisonable sliding door on a MBB-BK117 C-2 helicopter, the door guides of the jettison mechanism released uncommanded, resulting in the door detaching from the fuselage. To respond to the incident, Eurocopter Deutschland (ECD) issued Alert Service Bulletin (ASB) MBB BK117 C-2-52A-007, describing a one-time inspection for correct installation of the door, particularly the door guides, and modifications to improve the measures that would prevent unintentional release of the emergency (sliding door) jettison system. At the time, this was not considered to be an unsafe condition that would warrant AD action and EASA issued Safety Information Bulletin (SIB) 2010-07 to recommend operators to accomplish the instructions of the ASB. After SIB 2010-07 was issued, EASA determined that this condition, if not detected and corrected, could result in cases of in-flight loss of the jettisonable door, possibly resulting in damage to, or loss of control of, the helicopter, or injury to persons on the ground. For the reasons described above, this AD requires repetitive inspections for correct installation of the jettisonable sliding door(s), door guides and release cables and, depending on findings, accomplishment of corrective actions.
Effective Date:	21 June 2011

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 50 flight hours or 60 days, whichever occurs first after the effective date of the AD, and thereafter each time when installation of the door guides of a jettisonable door is accomplished, inspect the installation of the jettisonable sliding doors, the door guides and the release mechanism, in accordance with the instructions of ECD ASB MBB-BK117 C-2-52A-015. (2) If, during any inspection as required by paragraph (1) of this AD, discrepancies as detailed in ECD ASB MBB-BK117 C-2-52A-015 are detected, before next flight, accomplish the applicable corrective actions in accordance with the instructions of ECD ASB MBB-BK117 C-2-52A-015.
Ref. Publications:	ECD ASB MBB BK117 C-2-52A-015 dated 26 April 2011. The use of later approved revisions of this document 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 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 Deutschland GmbH, Industriestrasse 4, 86607 Donauwörth, Federal Republic of Germany Telephone: + 49 (0)151-1422 8976; Facsimile: + 49 (0)906-71 4111.