

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2015-0048</b></p> <p><b>Date: 17 March 2015</b></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><b>Design Approval Holder's Name:</b> AIRBUS HELICOPTERS</p>	<p><b>Type/Model designation(s):</b> AS 365 N3 and EC 155 helicopters</p>
TCDS Number:	EASA.R.105
Foreign AD:	Not applicable
Supersedure:	None
<b>ATA 25</b>	<b>Equipment / Furnishing – External Life Raft – Modification</b>
Manufacturer(s):	Airbus Helicopters (formerly Eurocopter, Eurocopter France, Aerospatiale)
Applicability:	<p>AS 365 N3, EC 155 B and EC 155 B1 helicopters, all manufacturer serial numbers, if equipped with Aératur SR10 external life rafts with the following Manufacturer Part Number (MP/N):</p> <ul style="list-style-type: none"> <li>- MP/N 245431-0 (life rafts fitted with metal cylinder and without beacon installation provisions), or</li> <li>- MP/N 245431-1 (life rafts fitted with carbon cylinder and without beacon installation provisions), or</li> <li>- MP/N 245434-0 (life rafts fitted with metal cylinder and with beacon installation provisions), or</li> <li>- MP/N 245434-1 (life rafts fitted with carbon cylinder and with beacon installation provisions),</li> </ul> <p>except helicopters modified in accordance with Airbus Helicopters modification (mod) 365A084711.00 or mod 365A084711.01.</p>
Reason:	<p>Airbus Helicopters reported that, after the installation of a new life raft on a helicopter, the travel of the life raft deployment control could not be properly adjusted. Technical analysis revealed that the varying position of the life raft inflation cylinder inside the bag containing the life raft, as well as the varying position of this bag within the life raft container, may induce a loosening of the life raft deployment control cable and subsequent insufficient travel of the deployment control.</p>

	<p>This condition, if not corrected, could result in failure of deployment of the external life raft (for example after a ditching), impeding or preventing safe evacuation of the occupants from the helicopter.</p> <p>To address this potential unsafe condition, Airbus Helicopters developed mod 365A084711.00 and mod 365A084711.01 to ensure effective deployment of the external life raft and issued Alert Service Bulletin (ASB) AS365-25.01.45 and ASB EC155-25A128 providing modification instructions for in-service helicopters.</p> <p>For the reason described above, this AD requires modification of the life raft deployment control.</p>
Effective Date:	31 March 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 110 flight hours (FH) after the effective date of this AD, or before the next flight where the helicopter is required to be equipped with a life raft, whichever occurs later, modify the life raft deployment control of the helicopter in accordance with the instructions of paragraph 3.B of Airbus Helicopters ASB AS365-25.01.45 Revision 1 or ASB EC155-25A128 Revision 1, as applicable to the helicopter model.</li> <li>(2) Modification of the life raft deployment control of the helicopter, before the effective date of this AD, in accordance with the instructions of Airbus Helicopters ASB AS365-25.01.45 original issue or ASB EC155-25A128 original issue, as applicable to the helicopter model, is acceptable to comply with the requirements as required by paragraph (1) of this AD.</li> </ol>
Ref. Publications:	<p>Airbus Helicopters ASB AS365-25.01.45 original issue 29 September 2014 or Revision 1 dated 02 February 2015,</p> <p>Airbus Helicopters ASB EC155-25A128 original issue 29 September 2014 or Revision 1 dated 02 February 2015.</p> <p>The use of later approved revisions of these documents 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. 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.</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: Airbus Helicopters (EBSES) – Aéroport de Marseille Provence 13725 Marignane Cedex, France; Telephone +33 (4) 42 85 97 97; Fax +33 (4) 42 85 99 66; E-mail: <a href="mailto:Directive.technical-support@airbus.com">Directive.technical-support@airbus.com</a>.</li> </ol>