


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2014-0214</b></p> <p><b>Date: 24 September 2014</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 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].</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>	
<p>TCDS Number:</p>	<p>EASA.R.105</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Supersedure:</p>	<p>None</p>	
<p><b>ATA 25</b></p>	<p><b>Equipment / Furnishing – External Life Rafts – Inspection</b></p>	
<p>Manufacturer(s):</p>	<p>Airbus Helicopters (formerly Eurocopter, Eurocopter France, Aerospatiale)</p>	
<p>Applicability:</p>	<p>AS 365 N3 helicopters, all manufacturer serial numbers, if equipped with external life rafts in the footsteps with junction units having Manufacturer Part Number (MP/N) 200197 or MP/N 200188 (Airbus Helicopters P/N 704A341302.48 or P/N 704A341302.30).</p> <p>EC 155 B and EC 155 B1 helicopters, all manufacturer serial numbers, if equipped with external life rafts in the footsteps with junction units having MP/N 200188 (Airbus Helicopters P/N 704A341302.30).</p>	
<p>Reason:</p>	<p>Failure of the external life raft deployment test was reported by an AS 365 operator. The affected external life raft, mounted in the helicopter footstep structure, underwent a scheduled maintenance with interval of 600 flight hours or 24 months, and the failure occurred during an attempt to release the life raft by pulling the left hand (LH) internal deployment handle. Subsequent investigations revealed presence of corrosion damage inside the LH junction unit, which blocked the deployment handle.</p> <p>This condition, if not detected and 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 potentially unsafe condition, Airbus Helicopters issued Alert Service Bulletin (ASB) AS365-05.00.67 and ASB EC155-05A027, as applicable to helicopter model, to provide instructions to detect and correct corrosion.</p> <p>For the reason described above, this AD requires a one-time inspection of the right hand (RH) and LH junction units of the external life raft installation and, depending on findings, corrective action. This AD also requires to contact Airbus Helicopters in case of finding any corrosion.</p>	

Effective Date:	01 October 2014
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Before the next flight, after the effective date of this AD, where the operation requires life rafts to be carried on the helicopter, inspect the deployment system of the external life rafts in accordance with the instructions of paragraph 1.E.2 of Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to the helicopter model.</li> <li>(2) Depending on findings detected during the inspection, as required by paragraph (1) of this AD, within the compliance time defined in 1.E.2 of Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to the helicopter model, measure an operational clearance and inspect for corrosion the LH and RH junction units of the external life raft deployment system in accordance with the instructions of paragraphs 3.A and 3.B Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to helicopter model.</li> <li>(3) Unless accomplished as required by paragraph (2) of this AD, within 90 days after the effective date of this AD, measure an operational clearance and inspect for corrosion the LH and RH junction units of the external life raft deployment system in accordance with the instructions of paragraphs 3.A and 3.B of Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to the helicopter model.</li> <li>(4) If, during the measurement and inspection, as required by paragraph (2) or (3) of this AD, as applicable, any clearance deviation or corrosion, as defined in paragraphs 3.A and 3.B of Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to helicopter model, is detected, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of paragraph 3.A and 3.B Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to helicopter model.</li> <li>(5) Within 30 days after accomplishment of the actions required by paragraph (1) and (2) of this AD, report the inspection results to Airbus Helicopters in accordance with the instructions of paragraph 1.E.2 of Airbus Helicopters ASB AS365-05.00.67 Revision 1 or ASB EC155-05A027 Revision 1, as applicable to the helicopter model.</li> </ol>
Ref. Publications:	<p>Airbus Helicopters ASB AS365-05.00.67 Revision 1, dated 01 September 2014.  Airbus Helicopters ASB EC155-05A027 Revision 1, dated 01 September 2014.  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 (EBSSEB) – 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>