


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2008–0214-E</p> <p>Date: 08 December 2008</p> <p>Note: This Emergency 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>
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	Type/Model designation(s) : AS350 helicopters
TCDS Number : EASA.R.008	
Foreign AD : Not applicable	
Supersedure : This AD supersedes and cancels EASA AD 2006-0248 dated 22 August 2006	
ATA 25	Equipment & Furnishing – Emergency Flotation Gear – Inspection / Limitation / Replacement
Manufacturer(s):	EUROCOPTER (formerly EUROCOPTER FRANCE, AEROSPATIALE).
Applicability:	AS350 B, BA and D helicopters, all serial numbers equipped with the emergency flotation gear installation.
Reason:	<p>For AS 350 helicopters there are three emergency flotation gear types, all certified by EUROCOPTER. Such flotation gears are validated for maximum helicopter weights for flight over water of 1900 kg, 1950 kg or 2600 kg respectively.</p> <p>Each emergency flotation gear type includes a fixed part and a removable part. It is technically possible to mix the fixed and removable parts between these three types of emergency flotation gears. However, non compliant (mixed) installation of fixed and removable parts of the three different emergency flotation gear types may cause insufficient effectiveness on ditching and may lead to instability of the helicopter on the water in case of emergency.</p> <p>This AD, which supersedes EASA AD 2006-0248, requires an inspection of the emergency flotation gear installation to verify the conformity of its fixed and removable parts. It limits the maximum permissible helicopter weight for flight over water if the installation between the two parts is not compliant with the approved configuration. It also requires the installation of a label on the instrument panel, indicating the maximum permissible helicopter weight for flight over water, until issuance of the updated Flight Manual (FLM). Furthermore, the conformity to the approved emergency flotation gear configuration has to be restored no later than one year after the inspection.</p>

Effective Date:	10 December 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated unless already accomplished, in accordance with the instructions of EUROCOPTER Emergency Alert Service Bulletin (ASB) No. 01.00.59:</p> <ol style="list-style-type: none"> 1. Within 15 flying hours (FH) after the effective date of this AD, inspect the emergency flotation gear to verify its conformity with the approved configuration in accordance with paragraph 2.B.1. of the ASB. <ol style="list-style-type: none"> 1.1. If the installation of the fixed and removable parts is not compliant and one of the two parts is limited to 1900 kg: <ol style="list-style-type: none"> 1.1.1. Flights over water are authorized but the maximum permissible helicopter weight is limited to 1900 kg. 1.1.2. Affix a label (A) to the cockpit instrument panel indicating the maximum permissible weight of the helicopter for flight over water in accordance with paragraph 2.B.2. of the ASB. 1.1.3. No later than one year after the inspection return the emergency flotation gear to conformity: <ul style="list-style-type: none"> - By replacement of the non compliant removable part with another part which conforms with the fixed part, or - By replacement of the non compliant fixed part with another part which conforms with the removable part. 1.2. If the installation of the fixed and removable parts is not compliant and none of the two parts is limited to 1900 kg: <ul style="list-style-type: none"> - <u>For AS350 BA helicopters:</u> <ol style="list-style-type: none"> 1.2.1. Flights over water are authorized but the maximum permissible helicopter weight is limited to 1950 kg. 1.2.2. Affix a label (B) to the cockpit instrument panel indicating the maximum permissible weight of the helicopter for flight over water in accordance with paragraph 2.B.2. of the ASB. 1.2.3. No later than one year after the inspection return the emergency flotation gear to conformity: <ul style="list-style-type: none"> - By replacement of the non compliant removable part with another part which conforms with the fixed part, or - By replacement of the non compliant fixed part with another part which conforms with the removable part. - <u>For AS350 B and D helicopters:</u> <ol style="list-style-type: none"> 1.2.4 No later than one year after the inspection return the emergency flotation gear to conformity: <ul style="list-style-type: none"> - By replacement of the non compliant removable part with another part which conforms with the fixed part, or - By replacement of the non compliant fixed part with another part which conforms with the removable part. 1.3. If the installation of the fixed and removable parts is compliant: <ol style="list-style-type: none"> 1.3.1. For helicopters equipped with a flotation gear limited to 1900 kg: <ul style="list-style-type: none"> - Flights over water are authorized but the maximum permissible helicopter weight is limited to 1900 kg. - Affix a label (A) to the cockpit instrument panel indicating the maximum permissible weight of the helicopter for flight over water in accordance with paragraph 2.B.2. of the ASB.

	<p>1.3.2. For helicopters equipped with a flotation gear limited to 1950 kg:</p> <ul style="list-style-type: none"> - <u>For AS350 B and D helicopters:</u> <ul style="list-style-type: none"> - The maximum permissible weight of the helicopter for flight over water corresponds to the maximum permissible weight of the helicopter - refer to the Flight Manual to determine the maximum permissible weight of the helicopter. - <u>For AS350 BA helicopters:</u> <ul style="list-style-type: none"> - Flights over water are authorized but the maximum permissible helicopter weight is limited to 1950 kg. - Affix a label (B) to the cockpit instrument panel indicating the maximum permissible weight of the helicopter for flight over water in accordance with paragraph 2.B.2. of the ASB. <p>1.3.3. For helicopters equipped with a flotation gear limited to 2600 kg:</p> <ul style="list-style-type: none"> - The maximum permissible weight of the helicopter for flight over water corresponds to the maximum permissible weight of the helicopter - refer to the Flight Manual to determine the maximum permissible weight of the helicopter. <p>2. After the effective date of this AD, no person shall install an emergency flotation gear on a helicopter, unless its conformity with the approved configuration has been previously verified in accordance with paragraph 2.B.1. of the ASB.</p>
Ref. Publications:	<p>EUROCOPTER Emergency Alert Service Bulletin No. 01.00.59 Rev. 0 dated 20 November 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 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. Tel: +33(0)4 42 85 97 97 – Fax: +33(0)4 42 85 99 66, E-mail: Directive.technical-support@eurocopter.com .