EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0136R1 **Date: 19 July 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 :	**Type/Model designation(s) :**
EUROCOPTER	EC 225 helicopters

TCDS Number:	EASA.R.002
Foreign AD:	Not applicable
Revision:	This AD revises EASA AD 2011-0136 dated 15 July 2011.

ATA 25	**Equipment and Furnishings – VHF Antenna for Emergency Flotation Gear Protection – Installation**
Manufacturer(s):	Eurocopter
Applicability:	EC 225 LP helicopters, all serial numbers, if equipped with an emergency flotation gear and having **no** antenna installed on the bottom structure, as described in Figure 1 of Alert Service Bulletin (ASB) N°EC225-25A086.
Reason:	A helicopter recently experienced a punctured Right Hand (RH) front float compartment of deployed emergency flotation gear. The technical investigations carried out by Eurocopter showed that the perforation was caused by an interference with one of the two temperature probes located under helicopter belly near the floats of the front emergency flotation gear. During deployment of the front emergency floats, on each side of at least one of the LH and RH front float compartments, there is a risk of failure to inflate, due to puncturing by the temperature probes. This condition, if not corrected, could lead to instability of the helicopter on the water in case of emergency water landing. To address this unsafe condition, Eurocopter issued ASB N°EC225-25A086 which gives instructions for installation of an inoperative VHF antenna on the RH side of the helicopter, as it has been shown that such installation prevents interference between the RH front float of the emergency flotation gear and the RH temperature probe, thus the stability of the helicopter on the water is ensured if a single float has a punctured compartment. For the reasons described above, this AD requires installation of an inoperative VHF antenna.

	This AD has been revised to reduce the Applicability, to clarify that this AD is only applicable to helicopters equipped with emergency floatation gear and having **no** antenna installed on the bottom structure, as described in Figure 1 of Alert Service Bulletin (ASB) N°EC225-25A086. This AD is considered to be an interim measure and further AD action is likely to follow, once Eurocopter develop a specific modification of the helicopter.
Effective Date:	Revision 1: 29 July 2011 Original issue: 29 July 2011
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 110 Flight Hours or three (3) months, whichever occurs first after the effective date of this AD, install an inoperative VHF antenna Part Number 3271 on the RH side of the helicopter, in accordance with the accomplishment instructions of Eurocopter ASB N°EC225-25A086.
Ref. Publications:	Eurocopter ASB N°EC225-25A086, dated 11 July 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 Safety Information Section, Executive 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 (4) 12 85 97 97; facsimile +33 (4) 85 99 66; E-mail: Directive.technical-support@eurocopter.com.