


<b>EASA</b>	<b>PROPOSED AIRWORTHINESS DIRECTIVE</b>
	<p><b>PAD No: 06 – 085</b></p> <p><b>Date: 05 April 2006</b></p>
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
<b>Type Approval Holder's Name:</b>	<b>Type/Model designation(s):</b>
EUROCOPTER	AS 350 and AS 355.
TCDS Number: EASA.R.008 and DGAC F 168.	
Foreign AD: None	
Supersedure: DGAC F–2005–087	
<b>ATA 25</b>	<b>Equipment/Furnishings – Untimely Firing of Squibs on GOODRICH Electric Hoists</b>
<b>Manufacturer(s):</b>	EUROCOPTER (Formerly AEROSPATIALE, EUROCOPTER – FRANCE)
<b>Applicability:</b>	<p>Helicopters:</p> <ul style="list-style-type: none"> <li>- AS 350 B, BA, BB, B1, B2, B3 and D,</li> <li>- AS 355 E, F, F1, F2 and N,</li> </ul> <p>Equipped with</p> <ul style="list-style-type: none"> <li>- GOODRICH electric hoists, PN 76370-XXX, (all types of motors), and not modified per MOD 073318 (or per Eurocopter AS 350 Alert Service Bulletin (ASB) No. 25.00.95 or Eurocopter AS 355 Alert Service Bulletin No. 25.00.85)</li> </ul> <p>or,</p> <ul style="list-style-type: none"> <li>- GOODRICH electric hoists, PN 76370–XXX, not equipped with the AUXILEC motor.</li> </ul> <p><b>Note:</b> This Airworthiness Directive (AD) is intended for maintenance personnel and crews.</p>

Reason:	<p>This AD is issued following the discovery of a potential risk of untimely squib firing, resulting in the cable being cut.</p> <p>This AD:</p> <ul style="list-style-type: none"> <li>- Replaces AD No. F-2005-087 cancelled by its revision 1.</li> <li>- Restricts the applicability after embodiment of MOD 073318 (elimination of the ground on the hoist squib wiring), in compliance with referenced ASB No. 25.00.95 for AS 350 helicopters and ASB No. 25.00.85 for AS 355 helicopters.</li> <li>- Renders mandatory the embodiment of modification 073318 which consists in disconnecting or eliminating a squib grounding wire, according to the helicopter versions.</li> </ul>
Effective Date:	Proposed 03 May 2006
Compliance:	<p><b>1.</b> The following measures were rendered mandatory as from May 30, 2005, the effective date of AD F-2005-087:</p> <ul style="list-style-type: none"> <li>- Before the next hoisting operation, deactivate the squib, and affix the required labels in the cockpit and in the cabin, near the hoist operator, in accordance with the instructions specified in paragraph 2.B. of referenced EUROCOPTER ASB No. 25.00.94 for AS 350 helicopters or EUROCOPTER ASB No. 25.00.84 for AS 355 helicopters.</li> <li>- After the squib has been deactivated, and before each subsequent hoisting operation, comply with the operating instructions specified in paragraph 2.D. of referenced EUROCOPTER ASB No. 25.00.94 for AS 350 helicopters or EUROCOPTER ASB No. 25.00.84 for AS 355 helicopters.</li> <li>- Before installing a hoist, held as spares, on a aircraft, comply with the instructions specified in paragraph 2.B. of referenced EUROCOPTER ASB No. 25.00.94 for AS 350 helicopters or EUROCOPTER ASB No. 25.00.84 for AS 355 helicopters.</li> </ul> <p><b>2.</b> The following measures are mandatory as from the effective date of this AD:</p> <p>No later than within 30 days, eliminate the ground from the hoist squib wiring, in compliance with the instructions specified in paragraph 2.B. of referenced ASB No. 25.00.95 for AS 350 helicopters and of referenced ASB No. 25.00.85 for AS 355 helicopters.</p> <p>Before installation on a helicopter, of an electric hoist held as spares, comply with the instructions specified in paragraph 2.B. of referenced ASB No. 25.00.95 for AS 350 helicopters and of referenced ASB No. 25.00.85 for AS 355 helicopters.</p>
Ref. Publications:	EUROCOPTER AS 350 Alert Service Bulletins No. 25.00.94 and No. 25.00.95.

	<p>EUROCOPTER AS 355 Alert Service Bulletins No. 25.00.84 and No. 25.00.85.</p> <p>or later approved revisions.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Method of Compliance (AMOCs) for this AD.</li> <li>2. The closing date for comments is 19 April 2006.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.eu.int">ADs@easa.eu.int</a></li> <li>4. For any questions concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STXI) - 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: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a></li> </ol>