


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p style="text-align: center;"><b>AD No.: 2007- 0131-E</b></p> <p style="text-align: center;"><b>Date: 11 May 2007</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 355
TCDS Number: EASA.R.146	
Foreign AD: not applicable	
Supersedure: not applicable	
<b>ATA 67</b>	<b>Rotor Flight Controls - Load Compensator Levers - Inspection / Replacement.</b>
<b>Manufacturer:</b>	EUROCOPTER (Formerly EUROCOPTER FRANCE, AEROSPATIALE).
<b>Applicability:</b>	AS 355 N and AS 355 F2 helicopters, all serial numbers.
<b>Reason:</b>	<p>This emergency Airworthiness Directive (AD) is issued following a report of yaw control restricted travel in operation following the replacement of the load compensator. If not corrected, this condition could lead to the loss of control of the helicopter.</p> <p>Investigation revealed that the load compensator lever was incorrectly referenced in the Illustrated Parts Catalog (IPC). Levers on helicopters Post-MOD 072065 (replacement of the load compensator hydraulic actuator) should be Part Number (P/N) 355A27-0082-00 and levers on helicopters Pre-MOD 072065 should be P/N 355A27-0072-00.</p> <p>This AD mandates inspection to identify the load compensator lever and the hydraulic actuator assembly installed on helicopters, to verify their compatibility and replacement of improper P/Ns when an incompatibility is found.</p>
<b>Effective Date:</b>	15 May 2007
<b>Compliance:</b>	<p>1. <u>Prior to next flight, after the effective date of this AD</u>, verify the P/N of the load compensator lever installed on the rotorcraft together with the P/N of the hydraulic actuator assembly as instructed in the accomplishment instructions of the EUROCOPTER AS 355 Alert Service Bulletin (ASB) No. 67.00.29 revision 1.</p>

	<p><b>Note 1:</b> Instead of inspecting the rotorcraft, a review of the helicopter maintenance records along with any other applicable data (rotorcraft logbook, Components list, etc...) is acceptable if each P/N can be positively determined from that review.</p> <p>1.1 When a P/N cannot be identified, do all actions as instructed in the paragraph (§) 2.B.2.of the accomplishment instructions of the EUROCOPTER AS 355 Alert Service Bulletin (ASB) No. 67.00.29 revision 1 to determine the relevant part numbers.</p> <p>2. <u>For helicopters Pre-MOD 072065 [i.e. with hydraulic actuator assembly 355A75-1370-01 or 355A75-1370-03] on which a compensator lever P/N 355A27-0082-00 is found.</u></p> <p>2.1. Provided the rotorcraft has not been operated with the lever P/N 355A27-0082-00 installed, replace the lever with a lever P/N 355A27-0072-00 as instructed in the § 2.B.3.a.of the accomplishment instructions of the ASB No. 67.00.29 revision 1.</p> <p>2.2. If the rotorcraft has been operated with the lever P/N 355A27-0082-00 installed, within the next 10 Flight Hours (FH) after the effective date of this AD, do all actions as instructed in the § 2.B.3.b.of the accomplishment instructions of the ASB No. 67.00.29 revision 1.</p> <p>3. <u>For helicopters Post-MOD 072065 [i.e. with hydraulic actuator assembly 355A75-1370-02 or 355A75-1370-04] on which a compensator lever P/N 355A27-0072-00 is found.</u></p> <p>3.1. Provided the rotorcraft has not been operated with the lever P/N 355A27-0072-00 installed, replace the lever with a lever P/N 355A27-0082-00 as instructed in the § 2.B.3.a.of the accomplishment instructions of the ASB No. 67.00.29 revision 1.</p> <p>3.2. If the rotorcraft has been operated with the lever P/N 355A27-0072-00 installed, within the next 10 FH after the effective date of this AD, do all actions as instructed in the § 2.B.3.b.of the accomplishment instructions of the ASB No. 67.00.29 revision 1.</p> <p>4. From the effective date of this AD, No person shall install a:</p> <ul style="list-style-type: none"> <li>- Load compensator lever P/N 355A27-0082-00 on any AS 355 N and F2 helicopters <b>Pre</b>-MOD 072065.[i.e. with hydraulic actuator assembly 355A75-1370-01 or 355A75-1370-03]</li> </ul> <p>or a</p> <ul style="list-style-type: none"> <li>- Load compensator lever P/N 355A27-0072-00 on any AS 355 N and F2 helicopters <b>Post</b>-MOD 072065 [i.e. with hydraulic actuator assembly 355A75-1370-02 or 355A75-1370-04]</li> </ul>
Ref. Publications:	EUROCOPTER AS 355 Alert Service Bulletin No. 67.00.29 revision 1 or later approved revisions

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 Methods of Compliance (AMOCs) for this AD.</li><li>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</li><li>3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a> .</li><li>4. For any questions 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) 442 85 97 97 – Fax: 33 (0) 442 85 99 66. E-mail: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a></li></ol>
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