

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p style="text-align: center;"><b>AD No : 2007-0244</b></p> <p style="text-align: center;"><b>Date: 04 September 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 332 L2 and EC 225 LP helicopters	
TCDS Number: EASA R.002		
Foreign AD: Not applicable		
Supersedure: None		
<b>ATA 25</b>	<b>Equipment &amp; Furnishings – Life Raft Inflation Cylinder – Replacement</b>	
Manufacturer(s):	Eurocopter (formerly Eurocopter France)	
Applicability:	Models AS 332 L2 and EC 225 LP helicopters, all serial numbers, if equipped with Life Raft Inflation Cylinders, Part Number (P/N) 41918001. This cylinder is standard installed on Life Rafts P/N 00051047 and P/N 00051048.	
Reason:	<p>A borescope inspection during scheduled maintenance revealed wear on the internal skin of a Life Raft Inflation Cylinder P/N 41918001 that had been installed on a EUROCOPTER AS 332 L2 helicopter. The plunger tube end is fitted with a metal end-fitting that presses against the internal surface of the cylinder due to its installation horizontally aboard the aircraft. Vibrations generated by helicopter operation are therefore causing such wear, which may result in a drop of internal pressure of the cylinder. This internal damage, if not corrected, could lead to functional failure of the cylinder, making life raft inflation no longer possible.</p> <p>Pending the development of a modification to the inflation cylinder, this Airworthiness Directive (AD) requires identification of all affected cylinders and the removal from service of those that have accumulated 2 500 Flight Hours (FH) or more since installation or since overhaul.</p>	
Effective Date:	18 September 2007	

Compliance:	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within the next 100 FH after the effective date of this directive, remove each P/N 41918001 life raft inflation cylinder that has accumulated or exceeded 2 500 FH since first installation or since last overhaul, as applicable, and replace it with an airworthy unit in accordance with the accomplishment instructions of EUROCOPTER Alert Service Bulletin (ASB) No. 05.00.71 or ASB 05A008, as applicable to helicopter version;</p> <p>(2) After the effective date of this directive, no person shall install a P/N 41918001 life raft inflation cylinder as a replacement part on a helicopter, if that cylinder has accumulated or exceeded 2 500 FH since first installation or since last overhaul, or if it is older than 3 years since manufacture and has never been overhauled.</p>
Ref. Publications:	Eurocopter AS332 ASB No. 05.00.71 and EC225 ASB No.05A008, or later approved revisions of these documents.
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 06 August 2007 as PAD 07-130 for consultation until 03 September 2007. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD 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 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: <a href="mailto:Directive.technical-support@eurocopter.com">Directive.technical-support@eurocopter.com</a></li> </ol>

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