	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-094</b>	Distribution: <b>A</b>	Issue date: <b>June 08, 2005</b>	Page : <b>1/2</b>
	Direction générale de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		<i>Translation of « Consigne de Navigabilité » of same number.          In case of difficulty, reference should be made to the French issue.</i>
<b>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>				
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>None</b>		
Person in charge of airworthiness: <b>EUROCOPTER</b>		Type(s): <b>AS 332 C, C1, L, L1 and L2 helicopters</b>		
Type certificate(s) No. <b>56</b> TCDS No <b>127</b>				
ATA chapter: <b>05, 26</b>	Subject: <b>Fire protection - Engine fire extinguishers</b>			

### 1. **EFFECTIVITY:**

AS 332 C, C1, L, L1 and L2 helicopters, equipped with engine fire extinguishers, part number 863490-00, pre-MOD 0726371.

The serial numbers of the fire extinguishers concerned are:

**1.1.** Manufactured in 2001: 59186, 59188, 59189, 59190, 59192, 59193, 59194, 59195, 59196, 59198, 59581, 59582, 59583, 59585, 59587, 59588, 59590, 59592, 59594, 59595 and 59597.

**1.2.** Manufactured after 2001: all serial numbers.

**Reminder:** It is the operator's responsibility to check that any spare part that could be installed on the aircraft does not affect the conformity of the aircraft with this Airworthiness Directive (AD).

### 2. **REASONS:**

This AD is issued following some cases of loss of weight of fire extinguishers with similar technical definition, discovered during weighing operations.


These cases of loss of weight are due to leaks caused by corrosion under the welded identification plates.

### 3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following measures are rendered mandatory as from the effective date of this AD:

#### **3.1. Engine fire extinguishers listed in paragraph 1.1. above:**

**3.1.1.** At the latest, within 110 flying hours or 2 months (the first limit reached is applicable), then at intervals not exceeding 110 flying hours or 2 months (the first limit reached is applicable), and pending compliance with paragraph 3.1.2. of this AD, weigh the engine fire extinguisher in accordance with the instructions specified in paragraph 2.B.2. of referenced EUROCOPTER AS 332 Alert Service Bulletin (ASB) No. 05.00.62.

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**3.1.2.** At the latest, within 6 months, embody MOD 0726371 (fire extinguisher part number 863490-01) in accordance with the instructions specified in paragraph 2.B.3. of the referenced ASB.

**3.2. Engine fire extinguishers listed in paragraph 1.2. above:**

**3.2.1.** At the latest, within 110 flying hours or 2 months (the first limit reached is applicable), then at intervals not exceeding 6 months, and pending compliance with paragraph 3.2.2. of this AD, weigh the engine fire extinguisher in accordance with the instructions specified in paragraph 2.B.2. of the referenced ASB.

**3.2.2.** During the next proof test to be performed no later than within 5 years following manufacture or the last proof test, comply with the instructions specified in paragraph 2.B.3. of the referenced ASB (corresponds to MOD 0726371).

**3.3. Before installing an engine fire extinguisher PN 863490-00 held as spare:**

**3.3.1.** Engine fire extinguishers listed in paragraph 1.1. above:

- before installing a fire extinguisher on an aircraft, comply with the instructions specified in paragraph 2.B.2. of the referenced ASB.
- no later than within 6 months, comply with the instructions specified in paragraph 2.B.3. of the referenced ASB.

**3.3.2.** Engine fire extinguishers listed in paragraph 1.2. above:

- before installing a fire extinguisher on an aircraft, comply with the instructions specified in paragraph 2.B.2. of the referenced ASB.
- during the next proof test to be performed no later than within 5 years following manufacture or the last proof test, comply with the instructions specified in paragraph 2.B.3. of the referenced ASB.

**4. REFERENCE PUBLICATION:**

EUROCOPTER AS 332 Alert Service Bulletin No. 05.00.62  
(Any subsequent approved revision to this ASB is acceptable).

**5. EFFECTIVE DATE:**

Upon receipt, as from June 08, 2005.

**6. REMARK:**

For any questions concerning the technical content of the requirements in this AD, please contact:

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**7. APPROVAL:**

This AD is approved under EASA reference No 2005-4742 dated May 31, 2005.