	<b>AIRWORTHINESS DIRECTIVE</b>		Distribution:	Issue date:	Page :
	<b>No F-2004-180</b>		<b>A</b>	<b>November 10, 2004</b>	<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.		Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.		
	<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>F-2004-155 cancelled by its Revision 1</b>			
Person in charge of airworthiness: <b>EUROCOPTER</b>		Type(s): <b>EC 155 helicopters</b>			
Type certificate(s) No. <b>86</b> TCDS No <b>159</b>					
ATA chapter: <b>26, 05</b>	Subject: <b>Fire protection - Engine fire extinguishers and baggage compartment fire extinguishers</b>				

### 1. **EFFECTIVITY:**

EC 155 B and B1 helicopters fitted with baggage compartment fire extinguishers part number (PN) 864250-00 (pre-MOD 0726B24).

EC 155 B helicopters fitted with engine fire extinguishers PN 862780-00 (pre-MOD 0726B22).

EC 155 B1 helicopters fitted with engine fire extinguishers PN 10230-00 (pre-MOD 0726B22).

### 2. **REASONS:**

This Airworthiness Directive (AD) is issued following some cases of loss of weight of baggage compartment fire extinguishers discovered during weighing operations.

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

This new AD:


- renders compliance with Revision 1 of referenced EUROCOPTER EC 155 Alert Service Bulletin (ASB) No. 05A006 mandatory,
- incorporates the requirements of AD F-2004-155 for baggage compartment fire extinguishers,
- extends effectivity to the engine fire extinguishers defined in § 1.

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

**3.1.** The following measures are rendered mandatory for baggage compartment fire extinguishers PN 864250-00 as from the effective date of AD No. F-2004-155 (upon receipt as from September 15, 2004).

**3.1.1.** No later than 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) pending compliance with § 3.1.2. of this AD, weigh the baggage compartment fire extinguisher in compliance with the instructions specified in § 2.B.2. of the referenced EUROCOPTER EC 155 Alert Service Bulletin (ASB) No. 05A006 R1.

**3.1.2.** No later than within 6 months, embody MOD 0726B24 (extinguisher PN 864250-01) in compliance with the instructions specified in § 2.B.3. of the referenced ASB.

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**3.2.** The following measures are rendered mandatory for engine fire extinguishers PN 862780-00 and PN 10230-00 as from the effective date of this AD.

**3.2.1.** No later than within 110 flying hours or 2 months (the first limit reached is applicable), then at intervals not exceeding 6 months pending compliance with § 3.2.2. of this AD, weigh the engine fire extinguishers in compliance with the instructions specified in § 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, take the actions described in § 2.B.4 of the referenced ASB (corresponds to MOD 0726B22: extinguisher PN 10230-01).

**3.3.** Baggage compartment fire extinguishers and engine fire extinguishers held as spares

**3.3.1.** Before installing a baggage compartment fire extinguisher PN 864250-00, comply with the instructions specified in § 2.B.3. of the referenced ASB.

**3.3.2.** Before installing an engine fire extinguisher PN 862780-00 or PN 10230-00:

**3.3.2.1.** Before installation on an aircraft, comply with the instructions specified in § 2.B.2. of the referenced ASB.

**3.3.2.2.** 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 § 2.B.4 of the referenced ASB.

**4. REFERENCE PUBLICATION:**

EUROCOPTER EC 155 Alert Service Bulletin No. 05A006 Revision 1  
(Any subsequent approved revision to this ASB is acceptable).

**5. EFFECTIVE DATE:**

November 20, 2004.

**6. REMARK:**

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  
Phone: +33 (0)4 42 85 97 97 - Fax: +33 (0)4 42 85 99 66  
E-mail: Directive.technical-support@eurocopter.com

**7. APPROVAL:**

This AD is approved under EASA reference No 2004-10845 dated November 03, 2004.