	AIRWORTHINESS DIRECTIVE No F-2004-099		Distribution: A	Issue date: July 07, 2004	Page : 1/2
	Direction générale de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC : <input checked="" type="checkbox"/> on behalf of EASA, the Primary Airworthiness Authority for the affected product. <input type="checkbox"/> as the Registration Airworthiness Authority for the affected aircraft..		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
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.					
Corresponding foreign Airworthiness Directive(s): Not applicable			Airworthiness Directive(s) replaced: 2002-475-007, cancelled by its Revision 1		
Person in charge of airworthiness: EUROCOPTER			Type(s): EC 155 helicopters		
Type certificate(s) No. 86 TCDS No 159					
ATA chapter: 32		Subject: Landing gear - Main landing gears - Wheel brake hose			

1. EFFECTIVITY:

EC 155 helicopter versions B and B1, equipped with emergency flotation gear removable part.

2. REASONS:

A report of wheel brake hose compression due to interference with a clamp that attaches the emergency flotation gear pipe led to the issue of Airworthiness Directive (AD) No. 2002-475-007, which defined the measures applicable to EC 155 version B aircraft.

Failure of this hose leads to the loss of the braking function of the affected landing gear wheel and could cause the helicopter to turn about the other main landing gear wheel and to roll over during a run-on landing.


This new AD:

- covers the requirements of AD 2002-475-007 and extends its effectivity to EC 155 version B1 aircraft,
- refers to EUROCOPTER EC 155 Alert Service Bulletin (ASB) No. 32A004 R1, which supersedes EUROCOPTER EC 155 Alert Telex (AT) No. 32A004 with no change to the technical content, for EC 155 version B aircraft.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

3.1. The following measures are rendered mandatory on the RH and LH sides of the aircraft, as from the effective date of AD 2002-475-007 (upon receipt as from September 18, 2002), for EC 155 version B aircraft.

3.1.1. Not later than within the next 10 flight hours, check the condition of the hydraulic brake hose in compliance with the instructions specified in § 2.B.1. of the referenced ASB.

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3.1.2. Not later than within the next 100 flight hours, check in compliance with the instructions specified in § 2.B.2. of the referenced ASB that there is no interference when the landing gear is retracted.

3.1.3. After each adjustment of the landing gear leg, comply with the instructions specified in AMM Subtask 32-30-00-723-003.

3.2. The following measures are rendered mandatory as from the effective date of this AD for EC 155 version B1 aircraft on which work was carried out on the landing gear during the period as from September 26, 2002 to the date of receipt of AMM Rush Revision No. 007h.

3.2.1. Not later than within the next 10 flight hours, comply with the instructions specified in § 2.B.1. of the referenced ASB.

3.2.2. Not later than within the next 100 flight hours, comply with the instructions specified in § 2.B.2. of the referenced ASB.

3.2.3. After each adjustment of the landing gear leg, comply with the instructions specified in AMM Subtask 32-30-00-723-003.

4. REFERENCE PUBLICATION:

EUROCOPTER EC 155 Alert Service Bulletin No. 32A004 R1.
(Any subsequent approved revision to this ASB is acceptable).

5. EFFECTIVE DATE:

July 17, 2004.

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 2004-7026 dated June 29, 2004.