 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-2005-086	Distribution: A	Issue date: June 08, 2005	Page : 1/2
	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>	
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: F-2004-026 cancelled by its Revision 1		
Person in charge of airworthiness: EUROCOPTER		Type(s): EC 120 helicopters		
Type certificate(s) No. 189 TCDS No 189				
ATA chapter: 67	Subject: Rotor flight controls - Collective torque tube assembly			

1. **EFFECTIVITY:**

EUROCOPTER EC 120 B helicopters (RH or LH pilot configuration), fitted with RH collective lever-to-torque tube connecting part, PN C671C4101202, C671C4101203 or C671C4101204.

Note 1: compliance with EUROCOPTER EC 120 Service Bulletin (SB) No. 67-017 cancels the requirements of this Airworthiness Directive (AD).


Note 2: helicopters with serial numbers equal to or above 1383 are not concerned by this AD.

2. **REASONS:**

This AD is issued following a case of failure of the RH collective lever-to-torque tube connecting part.

The purpose of this new AD, which covers the requirements of AD F-2004-026, cancelled by its Revision 1, is to:

- take into account the conversion of EUROCOPTER EC 120 Alert Telex No. 67A014 into an Alert Service Bulletin (ASB) bearing the same number,
- extend the effectivity of this AD to torque tubes PN C671C4101204,
- prohibit flights with collective lever ends, specified in paragraph 1., as from April 30, 2006,
- inform you that compliance with EC 120 SB No. 67-017 cancels the requirements of this AD.

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3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

3.1. The following measures are rendered mandatory as from February 19, 2004 (the effective date of the original issue of AD F-2004-026) for helicopters equipped with collective lever ends, PN C671C4101202 or C671C4101203:

3.1.1. Within 10 flying hours, and in accordance with the instructions specified in paragraph 2.B.2. of the referenced EUROCOPTER ASB, check:

- the tightening torque load of the connecting part attachment bolts,
- that there is no crack in the connecting part.

3.1.2. If the tightening torque load of the connecting part attachment bolts is above the specified limit of 8 Nm, or if a crack is detected in the connecting part, replace the affected connecting part before resuming flights, in accordance with the instructions specified in paragraph 2.B.3.a. and 2.B.3.b. of the referenced ASB.

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

3.2.1. Flights with collective lever ends specified in paragraph 1. above are prohibited as from April 30, 2006.

3.2.2. Flights with collective lever ends specified in paragraph 1. above, held as spares, are prohibited as from April 30, 2006.

Note 3: compliance with EC 120 SB No. 67-017 cancels the requirements of this AD.

4. REFERENCE PUBLICATION:

EUROCOPTER EC 120 Alert Service Bulletin No. 67A014
(Any subsequent approved revision of this ASB is acceptable).

5. EFFECTIVE DATE:

June 18, 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 2005-4735 dated May 31, 2005.