	AIRWORTHINESS DIRECTIVE No F-2005-175	Distribution: A	Issue date: October 26, 2005	Page : 1/2
	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>
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-2004-059 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 - Thrust washers for cyclic stick friction			

1. **EFFECTIVITY:**

EC 120 B helicopters having a serial number equal to or below No. 1385, and fitted with:

- Thrust washer PN C671A1006201 of the pilot cyclic stick friction device.
- Pilot cyclic sticks PN C671A1007101, C671A1007102 and C671A1003102.

Note: This Airworthiness Directive (AD) is intended for maintenance personnel and crews.

2. **REASONS:**

This AD is issued following sudden restriction of the cyclic stick travel in flight when retrimming the cyclic stick.

This new AD:

- covers the requirements specified in AD F-2004-059 which is cancelled by its Revision 1,
- covers the requirements specified in referenced Revision 1 of EUROCOPTER EC 120 Alert Service Bulletin (ASB) No. 67A011 that introduces a new part number for the cyclic stick.


3. **MANDATORY ACTION(S) AND COMPLIANCE TIMES:**

3.1. Reminder of the measures rendered mandatory as from April 28, 2004 (effective date of AD F-2004-059) for helicopters equipped with pilot cyclic stick PN C671A1007101 or PN C671A1007102:

3.1.1. Pending compliance with § 3.1.2. below, it is forbidden to fly with no friction applied to the pilot cyclic stick.

3.1.2. No later than within the next 550 flying hours or 6 months (the first limit reached is applicable):

Remove the pilot cyclic stick and replace the thrust washers in compliance with the instructions given in § 2.B. of referenced EUROCOPTER EC 120 ASB No. 67A011 Revision 1.

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3.2. For helicopters equipped with pilot cyclic stick PN C671A1003102, the following actions are rendered mandatory as from the effective date of this AD:

3.2.1. Pending compliance with § 3.2.2. below, it is forbidden to fly with no friction applied to the pilot cyclic stick

3.2.2. Comply with the instructions in § 2.B. and § 2.C. of the referenced ASB at the latest by December 31, 2005.

3.3. Before installing a cyclic stick held as spares, replace the washers held in your stores, and modify the pilot cyclic sticks in compliance with the instructions given in § 2.B.5. of the referenced ASB.

4. REFERENCE PUBLICATION:

EUROCOPTER EC 120 Alert Service Bulletin No. 67A011 R1
(Any subsequent approved Revision of this ASB is acceptable).

5. EFFECTIVE DATE:

November 05, 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 2005-6370 dated October 18, 2005.