	AIRWORTHINESS DIRECTIVE No F-2005-214	Distribution: A	Issue date: February 01, 2006	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: UF-2005-214		
Person in charge of airworthiness: EUROCOPTER		Type(s): EC 225 LP helicopters		
Type certificate(s) No. EASA.R.002 TCDS No EASA.R.002				
ATA chapter: 30	Subject: Ice and rain protection - Main rotor blade De-icing system harnesses connectors			

1. EFFECTIVITY:

EUROCOPTER EC 225 LP helicopters equipped with main rotor blade de-icing harnesses PN 42994 with serial numbers lower than 102.

2. REASONS:

This Airworthiness Directive (AD) is issued following a case of disconnection of a main rotor blade de-icing harness connector (called "harness" in the following text), which was discovered during a flight-related check.

In the event of loss of the de-icing function of a main rotor blade, in flight in icing conditions, the de-icing function of the other main rotor blades is automatically deactivated, which can be detrimental to the safety of the helicopter.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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


3.1. Check the conformity of the harness connectors in compliance with the instructions given in paragraph 2.B. of the Alert Telex (AT) referenced below:

3.1.1. Before the next flight during which the helicopter may experience icing conditions,

3.1.2. In other flight conditions, within 50 flying hours following the effective date of this AD and at the latest by January 31, 2006 (the first limit reached is applicable).

3.2. Interpretation of the results:

3.2.1. If the connectors of each harness are compliant, resume flights.

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3.2.2. If one of the connectors is not compliant, replace the corresponding harness as per Task 30-60-00-061:

- before the next flight during which the helicopter may experience icing conditions,
- for other flight conditions, within 50 flying hours, without exceeding two months (the first limit reached is applicable) following compliance with paragraph 2.B.2.a. of the AT referenced below.

3.2.3. Pending the replacement of non-compliant harness(es), after each flight, check for correct tightening of the connectors, in accordance with paragraph 2.B.2.b. of the AT referenced below.

3.3. Harnesses held as spares: Before installation on a helicopter, comply with paragraph 2.B. of the AT referenced below.

4. REFERENCE PUBLICATION:

EUROCOPTER EC 225 LP Alert Telex No 30A002
(Any further approved revision of this AT is acceptable).

5. EFFECTIVE DATE:

Upon receipt of the emergency AD issued on December 21, 2005.

6. REMARKS:

This AD has been the subject of an emergency diffusion on December 21, 2005.

For questions concerning the technical contents of this AD's requirements, contact:

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7. APPROVAL:

This AD is approved under EASA reference No 2005-6450 on December 21, 2005.

SUPERSEDED