	AIRWORTHINESS DIRECTIVE No F-2004-056		Distribution: A	Issue date: April 28, 2004	Page : 1/2
	Direction générale de l'aviation civile France	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>	
GSAC publication		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: None			
Person in charge of airworthiness: EUROCOPTER		Type(s): AS 355 helicopters			
Type certificate(s) No. 168 TCDS No 168					
ATA chapter: 05, 29	Subject: Time limits - Maintenance checks - Replacement of hydraulic fluid in cold weather				

1. EFFECTIVITY:

AS 355 E helicopters that operate in a flight envelope where the outside air temperature (OAT) is below minus 15° Celsius (or below plus 5° Fahrenheit).

Note: This Airworthiness Directive is intended for flight crews.

2. REASON:

This Airworthiness Directive (AD) is issued following the formation of ice in some parts of the hydraulic system during flights in cold weather and when the hydraulic fluid is highly contaminated by water.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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

3.1. As soon as the outside air temperature (OAT) is below minus 15° Celsius (or below plus 5° Fahrenheit), flights are authorized only if the hydraulic fluid was last replaced less than 110 flying hours and less than 1 month ago.


3.2. If this is not the case, comply with the instructions specified in paragraph 2 of referenced EUROCOPTER AS 355 Alert Service Bulletin (ASB) No. 05.00.43, before resuming flights.

4. REFERENCE PUBLICATION:

EUROCOPTER AS 355 Alert Service Bulletin No. 05.00.43
(Any subsequent approved revision to the ASB is acceptable).

5. EFFECTIVE DATE:

May 08, 2004.

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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 2004-4047 of April 20, 2004.