	AIRWORTHINESS DIRECTIVE No F-2005-088	Distribution: A	Issue date: June 08, 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: None		
Person in charge of airworthiness: TURBOMECA		Type(s): ARRIUS 2F turboshaft engines		
Type certificate(s) No. M22 TCDS No M22				
ATA chapter: 73	Subject: Fuel system and controls - Check of correct position of adjusted FCU fuel filter			

1. **EFFECTIVITY:**

This Airworthiness Directive (AD) applies to TURBOMECA turboshaft engines ARRIUS 2F which equip EC 120B helicopters.

2. **REASONS:**

The acceptance test of an ARRIUS 2F adjusted Fuel Control Unit (FCU) revealed that an incorrect position of the fuel filter of the adjusted FCU could lead to a limitation of the fuel flow downstream of the fuel filter.

A limitation of the fuel flow downstream of the fuel filter of the adjusted FCU may limit the maximum available power of the engine.


3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following actions are made mandatory, unless already done, from the effective date of this AD :

- 3.1. Implement paragraph 2 of Mandatory Alert Service Bulletin No A319 73 4823 within 25 engine operating hours and at the latest by July 31st, 2005,
- 3.2. Repeat operation of § 3.1. each time a check of the adjusted FCU filtering element is performed (task 73-23-06-201-801 of the ARRIUS 2F Maintenance Manual) according to the frequency defined for this task in chapter 05-20-00 of the ARRIUS 2F Maintenance Manual.

4. **REFERENCE PUBLICATIONS:**

Mandatory Alert Service Bulletin No A319 73 4823 (or any subsequent approved issue)
 ARRIUS 2F Maintenance Manual Ref X 319 L6 301 2.

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5. EFFECTIVE DATE:

Upon receipt from June 08, 2005.

6. REMARK:

For any questions concerning the technical content of the requirements in this AD, please contact:

ARRIUS 2 Customer Support
TURBOMECA
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7. APPROVAL:

This AD is approved under EASA reference No 2005-4736 dated May 31, 2005.