


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No : 2008-0014</p> <p>Date: 17 January 2008</p>
<p>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.</p>	
<p>Type Approval Holder's Name : TURBOMECA</p>	<p>Type/Model designation(s) : Arriel 1 series Turboshift engines</p>
<p>TCDS Number : EASA E.073</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<p>ATA 73</p>	<p>Engine Fuel & Control – Fuel Control Unit (FCU) 3-way Union Plug – Inspection</p>
<p>Manufacturer(s):</p>	<p>TURBOMECA</p>
<p>Applicability:</p>	<p>Arriel 1E2, 1S and 1S1 turboshaft engines, all serial numbers. These engines are known to be installed on, but not limited to, Eurocopter Deutschland MBB-BK 117 series and Sikorsky S-76A series twin-engine helicopters.</p>
<p>Reason:</p>	<p>A plug adapted for engine bench testing (called “red disk” plug) and not approved for service operation, could inadvertently be installed on the engine Fuel Control Unit 3-way union, instead of the sealed plug approved for service operation.</p> <p>Turboméca S.A. has informed EASA of a case of a “red disk” plug that has been actually installed on an engine which has been subsequently released for service operation. This engine experienced an in-service high pressure leak event (at the fuel pump outlet) due to cracking of this “red disk” plug. This leak could lead to in-flight flame-out and/or possibly a fire.</p> <p>For the reasons described above, this Airworthiness Directive (AD) requires a one-time inspection and corrective action, as necessary.</p>
<p>Effective Date:</p>	<p>31 January 2008</p>
<p>Compliance:</p>	<p>Within 100 operating hours from effective date of this AD, perform a one time inspection of the correct reference of the plug installed on the FCU 3-way union (9 932 30 706 0) and verify its torque to be set between 1.3 and 1.5 daN.m in accordance with Turboméca Mandatory Service Bulletin 292 73 0817.</p>

Ref. Publications:	<p>Turboméca, S.A. Mandatory Service Bulletin No. 292 73 0817 dated 06 December 2007.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none">1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.2. This AD was posted on 17 December 2007 as PAD 07-226 for consultation until 14 January 2008. No comments were received during the consultation period.3. Enquiries regarding this AD should be referred to the AD Focal Point - Certification Directorate, EASA; E-mail: ADs@easa.europa.eu.4. For any question concerning the technical content of the requirements in this AD, please contact: Turboméca, S.A., ARRIEL 1 Customer Support, 40220 TARNOS, FRANCE. Fax: +33 5 59 74 45 15; or contact your nearest technical representative at www.turbomeca-support.com.

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