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| EASA | NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE |
|  | <p>PAD No.: 12-078</p> <p>Date: 10 July 2012</p> <p>Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p> |
| <p>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p> | |
| Design Approval Holder's Name: TURBOMECA | Type/Model designation(s): ARRIUS 2F engines |
| TCDS Number: | France n°M22 |
| Foreign AD: | Not applicable |
| Supersedure: | This AD supersedes DGAC AD 1999-233 (A) dated 12 June 1999. |
| ATA 73 | Engine Fuel & Control – Privilege Injector – Replacement |
| Manufacturer(s): | Turboméca |
| Applicability: | ARRIUS 2F engines, all serial numbers. These engines are known to be installed on, but not limited to, Eurocopter EC120B helicopters. |
| Reason: | <p>During inspections carried out at the repair workshop on variants similar to ARRIUS 2F, it was found that some main injectors were totally or partially blocked. Blockage of the injectors may lead to engine flame out during rapid engine deceleration.</p> <p>This condition, if not corrected, could lead to an uncommanded engine in-flight shut down and may ultimately lead to an emergency landing.</p> <p>To address this unsafe condition, DGAC issued AD 1999-0233 (A) which required periodical replacement of fuel manifolds.</p> <p>Since issuance of AD 1999-0233 (A), further investigations demonstrated that:</p> <p>a periodic flow rate check (water technology) and the cleaning required by DGAC AD 1999-0233 (A) did not meet the expected results (wrong indication and non-sufficient cleaning), and,</p> <p>replacement of the privilege injector only ensures the airworthiness of the engine in case of blockage of the injection manifolds combined with a rapid engine deceleration.</p> <p>For the reasons described above, this AD requires replacement of the privilege injector before exceeding a defined limit of operating hours specified Turboméca Mandatory Service Bulletin (MSB) N° A319 73 4001.</p> |

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| Effective Date: | [TBD: 14 days after final AD issue date] |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <p>(1) Before exceeding 400 privilege injector operating hours since new or 400 privilege injector operating hours since last accomplishment of Turboméca Mandatory Service Bulletin (MSB) N° A319 73 4001, as applicable, replace the privilege injector with a serviceable privilege injector.</p> <p>Note: For the purpose of this AD, a serviceable privilege injector is a part that has accumulated less than 400 operating hours since new or since last accomplishment of Turboméca MSB N° A319 73 4001.</p> <p>(2) From the effective date of this AD, do not install a privilege injector on an engine, or an engine on a helicopter, unless in compliance with the requirements of paragraph (1) of this AD.</p> |
| Ref. Publications: | <p>TURBOMECA MSB N° A319 73 4001 issue K dated 10 February 2012.</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. This Proposed AD will be closed for consultation on 07 August 2012. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: Turboméca, S.A., ARRIUS Customer Support, 40220 TARNOS, FRANCE. Fax: +33 5 59 74 45 15; or contact your nearest technical representative at www.turbomeca-support.com. |