


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>	
	<b>PAD No.: 15-132</b>  <b>Date: 12 October 2015</b>  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.	
	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.	
<b>Design Approval Holder's Name :</b> TURBOMECA		<b>Type/Model designation(s) :</b> ASTAZOU XIV engines
TCDS Number: EASA.E.075		
Foreign AD : None		
Supersedure : Not applicable		
<b>ATA 72</b>	<b>Engine – Third Stage Turbine Wheel – Overhaul</b>	
Manufacturer(s):	Turbomeca	
Applicability:	ASTAZOU XIV B and XIV H engines, all serial numbers, if fitted with a third stage turbine wheel part number (P/N) 0 265 25 700 0 or 0 265 25 706 0, and incorporate Turbomeca modification (mod) AB 173 or mod AB 208.  These engines are known to be installed on, but not limited to, Airbus Helicopters (formerly Aerospatiale, Sud Aviation) SA 319 B (Alouette III) and SA 342 J (Gazelle) helicopters.	
Reason:	During the overhaul of an ASTAZOU XIV engine, a crack was detected on the front face of the third stage turbine wheel between two balancing plugs. The cause of the crack is probably linked to a geometric singularity, likely caused by the transformation operation aimed at introducing expansion slots between the blades during embodiment of Turbomeca mod AB 173. Although there is only one known case of this type of crack, and although it was detected, the possibility exists that additional parts have the same geometric singularity.  This condition, if not detected and corrected, may lead to failure of a turbine blade and its associated piece of rim, possibly resulting in an uncommanded in-flight shut-down and/or release of high energy debris.  Prompted by these findings, Turbomeca issued Service Bulletin (SB) 283 72 0811 to provide inspection instructions to detect any potential geometric singularity.  For the reasons described above, this AD requires a one-time inspection of the	

	front face of third stage turbine wheel, and, depending on findings, accomplishment of the applicable corrective actions.
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> <ol style="list-style-type: none"> <li>(1) Within 1 000 engine hours (EH) after the effective date of this AD, accomplish an in-shop inspection of the front face of the third stage turbine in accordance with the instructions of Turbomeca SB 283 72 0811.</li> <li>(2) If, during the inspection as required by paragraph (1), a discrepancy (as defined in Turbomeca SB 283 72 0811) is detected, before release to service of the engine, accomplish the applicable corrective action(s) in accordance with the instructions of Turbomeca SB 283 72 0811.</li> </ol>
Ref. Publications :	<p>Turbomeca SB 283 72 0811 Version A dated 25 August 2015.</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"> <li>1. This Proposed AD will be closed for consultation on 09 November 2015.</li> <li>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>3. For any question concerning the technical content of the requirements in this PAD, please contact: Operator Support ASTAZOU - TURBOMECA 40220 TARNOS – FRANCE Telephone: +33 (0)5 59 74 40 00 Fax: +33 (0)5 59 74 45 15 or refer to your nearest TURBOMECA technical representative on <a href="http://www.turbomeca-support.com">http://www.turbomeca-support.com</a>.</li> </ol>