


EASA	AIRWORTHINESS DIRECTIVE	
	<p style="text-align: center;"><b>AD No: 2006-0376</b></p> <p style="text-align: center;"><b>Date: 19 December 2006</b></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><b>Type Approval Holder's Name:</b></p> <p>ATR</p>	<p><b>Type/Model designation(s):</b></p> <p>ATR 42 and ATR 72 Aircraft</p>	
<p>TCDS Number: EASA A.084</p>		
<p>Foreign AD: Not applicable</p>		
<p>Supersede: Not applicable</p>		
<b>ATA 27</b>	<b>Flight Controls – Aileron Tab Bellcrank Assembly – Inspection</b>	
<p><b>Manufacturer(s):</b></p>	<p>ATR (formerly AEROSPATIALE – AERITALIA, AEROSPATIALE – ALENIA, AEROSPATIALE ATR – ALENIA, EADS ATR – ALENIA)</p>	
<p><b>Applicability:</b></p>	<p>ATR 42 aircraft, all models, all serial numbers, except aircraft which have received ATR modification 04372 (aileron spring tab) in production or ATR Service Bulletin (SB) ATR42-27-0081 or SB ATR42-27-0092 in service.</p> <p>ATR 72-101, -102, -201, -202, -211, 212 aircraft models, all serial numbers, except aircraft which have received ATR modification 04373 (aileron spring tab) in production or SB ATR72-27-1045 embodied in service.</p>	
<p><b>Reason:</b></p>	<p>It has been found on in-service aircraft that some aileron tab bellcrank assemblies were not in accordance with the definition drawings. The main item concerned is the retainer Part Number S2711004620000, which has been manufactured with a hole larger than it should be, or re-drilled out of limits.</p> <p>The function of the retainer is to maintain the spacer in position in case of rupture or loss of the bolt which links the tab control rod to the bellcrank assembly. If the diameter of the retainer hole is out of limit, the retainer function is lost and fail-safe installation is no longer ensured. This condition, if not corrected, could lead to loss of the aileron tab bellcrank functionality, resulting in diminished control of the aircraft.</p> <p>For the reasons stated above, this Airworthiness Directive (AD) requires the inspection of the aileron tab bellcrank retainer and, if necessary, the restoration of a proper installation.</p>	
<p><b>Effective Date:</b></p>	<p>02 January 2007</p>	

Compliance:	<ol style="list-style-type: none"> <li>1. Not later than 06 March 2007, inspect the installation of the aileron tab bellcrank assembly in accordance with the instructions given by SB ATR42-27-0098 or SB ATR72-27-1060.</li> <li>2. When a retainer is found defective, before next flight, replace the retainer in accordance with the instructions given by SB ATR42-27-0098 or SB ATR72-27-1060.</li> <li>3. If a replacement retainer in accordance with drawings is not available at the moment of inspection and provided that bolt and fasteners of the affected bellcrank are in good condition, two more flight days of operation following the inspection are allowed prior to perform the replacement of the defective retainer as required by paragraph 2 of this directive.</li> </ol>
Ref. Publications:	<p>Service Bulletin ATR42-27-0098 original issue;  Service Bulletin ATR72-27-1060 original issue;  or later approved revisions of these documents.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.</li> <li>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</li> <li>3. Enquiries regarding this EAD should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact : ATR, Didier CAILHOL – Fax: +33 (0) 5 62 21 67 18 or Email: <a href="mailto:continued.airworthiness@atr.fr">continued.airworthiness@atr.fr</a> .</li> </ol>