


EASA	PROPOSED AIRWORTHINESS DIRECTIVE	
	<p>PAD No.: 06 - 202</p> <p>Date: 07 August 2006</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:</p> <p>ATR</p>	<p>Type/Model designation(s):</p> <p>ATR 42 and ATR 72 Aircraft</p>	
<p>TCDS Number: EASA.A.084</p>		
<p>Foreign AD: None</p>		
<p>Supersede: None</p>		
<p>ATA 24</p>	<p>Electrical Power - 120 VU - Electrical Harness</p>	
<p>Manufacturer(s):</p>	<p>ATR, (formerly AEROSPATIALE – AERITALIA, AEROSPATIALE – ALENIA, AEROSPATIALE ATR – ALENIA, EADS ATR – ALENIA)</p>	
<p>Applicability:</p>	<p>ATR 42-200, -300, -320, -400, -500, all serial numbers up to MSN 643 inclusive.</p> <p>ATR 72-101, -102, -201, -202, -211, -212, -212A, all serial numbers up to MSN 728 inclusive, except MSN 723, and 725.</p>	
<p>Reason:</p>	<p>Recently an ATR 42 suffered an electrical arching causing the loss of some instruments and loss of one hydraulic circuit pressure due to a chaffing between a bonding cable and electrical wires in the 120 VU. The investigations showed that:</p> <ul style="list-style-type: none"> • A tubular support had been deformed and therefore impaired the spacing among electrical harness, supports and cables; • Harness was not correctly attached; • The size of the harness was increased by addition of cables (for Service Bulletins (SB) or customer modifications embodiments); • The bonding cable was not correctly installed. <p>This Airworthiness Directive mandates an inspection of the ATR 42 & 72 fleet to identify and correct possible similar cases, which could lead to an unsafe condition.</p>	

Effective Date:	Proposed: 14 days after final AD issue date.
Compliance:	Before December 31 st , 2006, inspect the harness installation in the 120 VU and, if necessary, restore the conformity to the approved design, in accordance with the instructions given by SB ATR42-92-0012 (for ATR 42 models) or SB ATR72-92-1013 (for ATR 72 models).
Ref. Publications:	Service Bulletin SB ATR42-92-0012 Service Bulletin SB ATR72-92-1013 or later approved revisions.
Remarks:	<ol style="list-style-type: none"> 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. 2. The closing date for comments is 18 August 2006. 3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive 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: ATR, Didier CAILHOL – Fax: +33 (0) 5 62 21 67 18 or E-mail: continued.airworthiness@atr.fr