


EASA	PROPOSED AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 07-083</p> <p>Date: 13 June 2007</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.	
Type Approval Holder's Name: ATR - GIE Avions de Transport Régional	Type/Model designation(s): ATR 42 and ATR72 series
TCDS Number: EASA.A.084	
Foreign AD: not applicable	
Supersedure: not applicable	
ATA 30	Pitot and Static - Pitot probe resistance & low current sensor - Inspection / Replacement
Manufacturer(s):	ATR - GIE Avions de Transport Régional (formerly AEROSPATIALE-AERITALIA, AEROSPATIALE-ALENIA, AEROSPATIALE ATR-ALENIA, EADS ATR-ALENIA)
Applicability:	<p>All ATR 42 series aircraft models, all serial numbers, except aircraft modified per ATR modification 05469 (Installation of new current sensors for Pitot tubes) in production (i.e. MSN 631 and subsequent) or per ATR Service Bulletin (SB) ATR42-30-0072 at any approved revision in service, and</p> <p>All ATR 72 series aircraft models, all serial numbers, except aircraft modified per ATR modification 05469 in production (i.e. MSN 699 plus MSN 713 and subsequent) or per ATR SB ATR72-30-1042 at any approved revision in service.</p>
Reason:	<p>A recent incident evidenced that some failures of the Pitot tube heating resistance may not be seen by the low current detection system on aircraft not equipped with modification 05469 (SB ATR42-30-0072 or ATR72-30-1042).</p> <p>In some conditions, an out of tolerance resistance, failing to provide a proper Pitot tube de-icing could not be detected.</p> <p>To address this unsafe condition, this Airworthiness Directive (AD) first requires repetitive verification of the Pitot tubes' resistance and afterwards mandates replacement of the three low current sensors for Captain, First Officer and Standby Pitot probes.</p>

Effective Date:	TBD 14 days after AD final issue date.
Compliance:	<ol style="list-style-type: none"> 1. Within the next 550 Flight Hours (FH) after the effective date of this AD, verify the three Pitot tubes' heating resistance as instructed in the inspection SB ATR42-30-0074 for ATR42 series aircraft or in the inspection SB ATR72-30-1044 for ATR72 series aircraft. If any resistance exceeding 50 Ohms is found, before next flight replace the Pitot probe in accordance with inspection SB ATR42-30-0074 or inspection SB ATR72-30-1044 instructions. 2. Thereafter repeat inspection required in paragraph 1. of this AD, at intervals not to exceed 550 FH and until accomplishment of mandatory terminating actions of paragraph 3. of this AD, 3. Within the next 5 000 FH after the effective date of this AD, replace the three Pitot tube current sensors as instructed in SB ATR42-30-0072 revision 1 for ATR42 series aircraft or in SB ATR72-30-1042 revision 1 for ATR72 series aircraft.
Ref. Publications:	<p>Inspection Service Bulletin ATR42-30-0074 original issue</p> <p>Inspection Service Bulletin ATR72-30-1044 original issue</p> <p>Service Bulletin ATR42-30-0072 revision 1</p> <p>Service Bulletin ATR72-30-1042 revision 1</p> <p>Any later approved revisions of these SBs are acceptable.</p>
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 11 July 2007. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu . 4. For any questions concerning the technical content of the requirements in this AD, please contact: ATR— Fax: +33 (0) 5 62 21 67 18. Email: continued.airworthiness@atr.fr