


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2006 - 0232</b></p> <p><b>Date: 07 August 2006</b></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.	
<b>Type Approval Holder's Name :</b> AIRBUS SAS	<b>Type/Model designation(s) :</b> A330 aircraft and A340-200/-300 series
TCDS Number : EASA A.004, EASA A.015	
Foreign AD : None	
Supersedure : None	
<b>ATA 34</b>	<b>Navigation – Inertial Reference Systems</b>
Manufacturer:	AIRBUS (formerly AIRBUS INDUSTRIE).
Applicability:	<p>AIRBUS A330-200, A330-300, A340-200, A340-300 series, all certified models, all serial numbers equipped with:</p> <ul style="list-style-type: none"> <li>- HONEYWELL ADIRU (Air Data Inertial Reference Unit) Part Number (PN) HG2030AC0X (with X in between 0 and 9 inclusive) or HG2030ADYY ( with YY in between 00 and 10 inclusive)</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>- NORTHROP GRUMMAN (formerly LITTON) ADIRU PN 465020-030303ZZ (with ZZ in between 00 and 12 inclusive).</li> </ul>
Reason:	<p>The magnetic variation table which are implemented in the above HONEYWELL and NORTHROP GRUMMAN ADIRU are obsolete in certain countries.</p> <p>Studies have shown that, for a given airport, a difference greater than 3° between the magnetic heading and the runway heading (QFU) could lead to an unsafe situation during the phases of Cat 2 or Cat 3 automatic landing and roll out.</p> <p>AIRBUS A330 and A340 Aircraft Flight Manual (AFM) temporary revisions (TR) provide the list of affected airport and the date from which the «AUTOLAND» and «ROLL-OUT» are prohibited.</p>

	This Airworthiness Directive (AD) mandates the operational restriction introduced by the AFM TR 2.05.00/67, AFM TR 2.05.00/68, AFM TR 2.05.00/87 and AFM TR 2.05.00/88.
Effective Date:	21 August 2006
Compliance:	<p>From the effective date of this AD, the following operational limitations are applicable for all flights:</p> <p>Insert in the Aircraft Flight Manual of the aircraft, the following Temporary Revision (TR) and apply the associated limitations:</p> <ul style="list-style-type: none"> <li>• For A330 aircraft: AFM TR 2.05.00/67 (applying on Honeywell ADIRU standards) or AFM TR 2.05.00/68 (applying on Northrop Grumman ADIRU standards)</li> <li>• For A340 aircraft: AFM TR 2.05.00/87 (applying on Honeywell ADIRU standards) or AFM TR 2.05.00/88 (applying on Northrop Grumman ADIRU standards)</li> </ul> <p>The operational limitations introduced by this AD are cancelled by application of :</p> <ul style="list-style-type: none"> <li>- at least one of these AIRBUS Modifications in production 47552, 47589, 50784, 51096, 51144, 51828, 52797, 54678 or any later approved standards, provided no come back to ADIRU standards identified in the Applicability paragraph of this AD is performed from delivery:</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>- at least one of the following AIRBUS Service Bulletins (SB) or any later approved standards, provided no come back to ADIRU standards identified in the Applicability paragraph of this AD is performed:</li> </ul> <ul style="list-style-type: none"> <li>• SB A330-34-3132 or SB A340-34-4141, which install NORTHROP GRUMMAN ADIRU PN 465020-03030314,</li> <li>• SB A330-34-3159 or SB A340-34-4163, which install NORTHROP GRUMMAN ADIRU PN 465020-03030315,</li> <li>• SB A330-34-3165 or SB A340-34-4166, which install HONEYWELL ADIRU PN HG2030AE22</li> <li>• SB A330-34-3104 or SB A340-34-4114, which install HONEYWELL ADIRU PN HG2030AC11.</li> </ul>
Ref. Publications:	<p>A330 AFM TR 2.05.00/67 approved on 31 March 2006</p> <p>A330 AFM TR 2.05.00/68 approved on 31 March 2006</p> <p>A340 AFM TR 2.05.00/87 approved on 31 March 2006</p> <p>A340 AFM TR 2.05.00/88 approved on 31 March 2006</p> <p>or later approved revisions.</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. This AD was posted as PAD 06-123 for consultation on 09 May 2006 with a comment period until 19 May 2006. No comment was raised during consultation period.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive 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 AIRBUS SAS – Airworthiness Office - EAL Fax: +33 5 61 93 45 80.</li> </ol>
-----------	--