


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>
	<p><b>PAD No.: 11-064</b></p> <p><b>Date: 01 July 2011</b></p> <p>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.</p>
<p>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.</p>	
<p><b>Approval Holder's Name :</b></p> <p>SMS (trading as Cobham Avionics)</p>	<p><b>Type/Model designation(s) :</b></p> <p>IND201 Radio Altimeter Indicators</p>
<p>Approval Number : France JTSA Authorisation F.O.051</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 34</b>	<b>Navigation – Radio Altimeter Indicator – Modification</b>
<p>Manufacturer(s): SMS (trading as Cobham Avionics), formerly NEC AERO.</p>	
Applicability:	<p>Radio altimeter indicator IND201, Part Number (P/N) 102-21(x)(x), all serial numbers.</p> <p>The affected radio altimeter indicators are known to be installed on, but not limited to, Eurocopter (formerly Eurocopter France, Aerospatiale) EC 120 B, AS 350 B2, AS 350 B3 and AS 355 NP series helicopters. It is also possible that the radio altimeter indicator is installed on fixed wing aircraft.</p>
Reason:	<p>A Technical Occurrence Report has been transmitted to EASA by SMS regarding an erroneous indication of altitude in meters. The altitude displayed in feet is valid. However, the indicator systematically over-estimates the altitude in meters measured by the connected radio altimeter at a value 6.96% higher than the measured value. The accuracy in meters exceeds the tolerances specified in Eurocae ED-30 §3.2.1.1 in meters.</p> <p>This condition, if not detected and corrected, could adversely affect obstacle clearance, leading the flight crew to over-estimate the available margins, which could – under reduced visibility conditions – possibly result in controlled flight into terrain.</p> <p>For the reasons described above, this AD restricts the installation and usage of the radio altimeter indicator IND201 to the feet display mode only.</p>
Effective Date:	[TBD: 14 days after Final AD issue date]

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 6 months after the effective date of this AD, verify that the display setting of the radio altimeter indicator is in feet. The selection of the indication unit in meters or feet is performed via pin programming. When the pin programming is not activated, the indicator displays the altitude in feet. If the indicator displays the altitude in meters, modify the installation to set up the indicator in feet, in accordance with the instructions of SMS Service Information Letter (SIL) 102-2100-34-001 or, to continue displaying the altitude in meters, replace the indicator with another approved indicator, in accordance with approved instructions.</li> <li>(2) From the effective date of this AD, do not install a radio altimeter indicator IND201, P/N 102-21(x)(x), on an aircraft, unless it has been modified in accordance with the instructions of SMS SIL 102-2100-34-001 Rev 00.</li> </ol>
<p>Ref. Publications:</p>	<p>SMS (trading as Cobham Antenna Systems) SIL 102-2100-34-001, original issue dated 18 January 2011.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 12 August 2011.</li> <li>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive 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:  SMS support, attn. Mrs. Hélène EDIAR, 174-178 quai de Jemmapes, 75010 Paris, France, Telephone: +33 (0)1 49 78 66 38, Fax: +33 (0)1 42 00 67 83 Email: <a href="mailto:helene.ediar@cobham.com">helene.ediar@cobham.com</a></li> </ol>