


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2009-0138</b></p> <p><b>Date: 24 June 2009</b></p> <p>Note: This Airworthiness Directive (AD) 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>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p><b>Type Approval Holder's Name :</b></p> <p>AIRBUS</p>	<p><b>Type/Model designation(s) :</b></p> <p>A330 and A340-200/-300 aeroplanes</p>
<p>TCDS Number : EASA.A.004, EASA.A.015</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 32      Landing Gear – Main Landing Gear Pin W1 – Replacement</b>	
<p>Manufacturer(s): AIRBUS (formerly AIRBUS INDUSTRIE)</p>	
<p><b>Applicability:</b></p> <p>AIRBUS A330 aeroplanes, models -201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342 and -343, all serial numbers, except those on which AIRBUS Modification 54500 has been embodied in production or AIRBUS Service Bulletin (SB) A330-32-3212 has been embodied in service.</p> <p>AIRBUS A340 aeroplanes, models -211, -212, -213, -311, -312 and -313, all serial numbers, except those on which AIRBUS Modification 54500 has been embodied in production or AIRBUS SB A340-32-4256 has been embodied in service.</p>	
<p><b>Reason:</b></p> <p>Two unexpected failures of a Main Landing Gear (MLG) Pin W1 occurred during the element fatigue test of a redesigned retraction link.</p> <p>AIRBUS carried out an investigation and demonstrated that the life limit of MLG Pin W1 Part Number (PNR) 201275673 and PNR 201478614 must be reduced to 11 150 Landings (LDG), which is below the life limit stated in the following A330 and A340 AIRBUS ALS Part 4 revisions:</p> <ul style="list-style-type: none"> <li>- AIRBUS A330 ALS Part 4 revision 01 approved by EASA on 29 May 2009.</li> <li>- AIRBUS A340 ALS Part 4 revision 00 approved by EASA on 29 May 2009.</li> </ul> <p>This AD requires the replacement of these MLG Pins W1 prior to accumulating 11 150 LDG.</p>	
<p><b>Effective Date:</b> 08 July 2009</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated,:</p> <p>(1) Before the accumulation of 11 150 Total LDG* on the MLG Pins W1 identified in table 1 of this AD, or within 900 aeroplane flight hours after the effective date of this AD, whichever occurs later, replace the MLG Pins W1 with a new or serviceable part.</p> <table border="1" data-bbox="544 353 1179 577"> <thead> <tr> <th colspan="2">Table 1</th> </tr> <tr> <th>Nomenclature</th> <th>Part Numbers</th> </tr> </thead> <tbody> <tr> <td>Pin W1</td> <td>PNR 201275673 PNR 201478614</td> </tr> </tbody> </table> <p>* Total Landings is the accumulated landings since the Pin W1 initial entry into service on any aeroplane.</p> <p>(2) Thereafter, before the accumulation of 11 150 Total LDG* on any MLG Pin W1 identified in table 1 of this AD, replace it with a new or serviceable part.</p> <p><b>Note:</b> The initial entry into service for the transferable systems components/items is defined as the date at which the component/item accomplishes the first flight for which it will undertake its intended function.</p>	Table 1		Nomenclature	Part Numbers	Pin W1	PNR 201275673 PNR 201478614
Table 1							
Nomenclature	Part Numbers						
Pin W1	PNR 201275673 PNR 201478614						
<p>Ref. Publication:</p>	<p>None.</p>						
<p>Remarks:</p>	<ol style="list-style-type: none"> <li>If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>This AD was posted on 19 May 2009 as PAD 09-072 for consultation until 03 June 2009. The Comment Response Document can be found at <a href="http://ad.easa.europa.eu">http://ad.easa.europa.eu</a>.</li> <li>Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EAL; E-mail: <a href="mailto:A330-A340@airbus.com">A330-A340@airbus.com</a>.</li> </ol>						