


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2011-0075</b></p> <p><b>Date: 29 April 2011</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>
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].	
<b>Type Approval Holder's Name :</b> AIRBUS	<b>Type/Model designation(s) :</b> A340-500/-600 aeroplanes
TCDS Number : EASA.A.015	
Foreign AD : Not applicable	
Supersedure : None	
<b>ATA 57</b>	<b>Wings – External Radius on Upper Horizontal Cruciform Fitting at Frame (FR)47 – Inspection</b>
Manufacturer(s): Airbus (formerly Airbus Industrie)	
Applicability:	Airbus A340 aeroplanes, models -541, -542, 642 and -643, all manufacturer serial numbers.
Reason:	<p>During the A340-600 EF2 fatigue test, damages occurred in external radius on upper horizontal cruciform in rear corner at FR47 respectively on Right Hand (RH) side and on Left Hand (LH) side. These damages were detected after tear down inspections using High Frequency Eddy Current method.</p> <p>This condition, if not corrected, could impair the structural integrity of the aeroplane.</p> <p>For the reasons described above, this AD requires to perform repetitive Special Detailed Inspections for early detection of cracks on upper horizontal cruciform fitting at FR47 on LH and RH sides, and the accomplishment of corrective actions, as applicable.</p>
Effective Date:	13 May 2011

<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) Before the accumulation of the threshold defined in paragraph 1.E.(2) of Airbus Service Bulletin (SB) A340-57-5029, depending on aeroplane configuration, do a Special Detailed Inspection of the external radius on upper horizontal cruciform fitting at FR47 on LH and RH sides, in accordance with the instructions of Airbus SB A340-57-5029.</li> <li>(2) Repeat the inspection required by paragraph (1) of this AD at intervals not to exceed the interval defined in paragraph 1.E.(2) of Airbus SB A340-57-5029, depending on aeroplane configuration.</li> <li>(3) If any crack is found during the initial or repetitive inspections required by paragraph (1) or (2) of this AD, before further flight, contact Airbus to obtain the necessary approved instructions for corrective action and accomplish those instructions accordingly.</li> <li>(4) Within 90 days after the accomplishment of the inspection required by paragraph (1) or (2) of this AD, report to Airbus all recorded inspection results (including no findings) in accordance with the instructions of Airbus SB A340-57-5029.</li> <li>(5) Aeroplanes that have already been inspected, before the effective date of this AD, in accordance with Airbus Non-destructive Test Manual (NTM) task 57-18-07, are compliant with the requirements of paragraph (1) of this AD (initial inspection). After the effective date of this AD, inspections must be repeated in accordance with the requirements of paragraph (2) of this AD.</li> </ol>
<p>Ref. Publications:</p>	<p>Airbus Service Bulletin A340-57-5029 Original issue dated 25 February 2011.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p> <p>Airbus Non-destructive Test Manual (NTM) 57-18-07.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 09 March 2011 as PAD 11-029 for consultation until 06 April 2011. No comments were received during the consultation period.</li> <li>3. 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>4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EAL; E-mail: <a href="mailto:airworthiness.A330-A340@airbus.com">airworthiness.A330-A340@airbus.com</a>.</li> </ol>