

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<b>AD No.: 2008 - 0201</b>  <b>Date: 13 November 2008</b>  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 in accordance with that Regulation.
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 2042/2003, Annex I, Part M.A.301(4) exemption].	
<b>Type Approval Holder's Name :</b> AIRBUS	<b>Type/Model designation(s) :</b> A340-500 and A340-600 aircraft
TCDS Number : EASA.A.015	
Foreign AD : Not applicable	
Supersedure : None	
<b>ATA 53</b>	<b>Fuselage – Nose Landing Gear Actuator Fitting – Inspection</b>
<b>Manufacturer(s):</b>	Airbus (formerly AIRBUS INDUSTRIE)
<b>Applicability:</b>	AIRBUS A340 and A340-600 models –541, -542, -642 and -643, all serial numbers.
<b>Reason:</b>	<p>Following a refined Finite Element Model (FEM) analysis of the Nose Landing Gear (NLG) actuator fitting installed on the roof panel of the NLG box of all A340-500 and A340-600 aircraft, it has been demonstrated that potential fatigue cracks can be initiated on the NLG actuator fitting flanges.</p> <p>This situation, if not corrected, could lead to inadvertent extension of the NLG which could adversely affect the aircraft's continued safe flight or failure to retract the NLG which, in combination with an engine failure, could adversely affect the aircraft's safe take off.</p> <p>To prevent such event, this Airworthiness Directive requires High Frequency Eddy Current (HFEC) inspections and detailed visual inspections on the NLG Actuator fitting to detect any crack and, in case of finding, mandates the relevant corrective actions.</p>
<b>Effective Date:</b>	27 November 2008
<b>Required action(s) and Compliance Time(s):</b>	Required as indicated: 1. Unless already accomplished, Perform a HFEC inspection on fitting flanges and a detailed visual inspection of the NLG Actuator overall fitting in accordance with instructions defined in AIRBUS Service Bulletin (SB) A340-53-5045:

	<p><u>For Weight Variant (WV) 00x Series:</u> Before accumulating 3 920 total flight cycles (FC) from the first flight of the aircraft.</p> <p><u>For WV10x Series:</u> Before accumulating 3 020 total FC from the first flight of the aircraft.</p> <p>2. If no crack is detected during both inspections, repeat the inspections defined in paragraph 1. of this AD at intervals not exceeding :</p> <p><u>For WV00x Series:</u> 1 320 FC.</p> <p><u>For WV10x Series:</u> 2 690 FC.</p> <p>3. If any crack is detected during one or both inspections, before next flight contact AIRBUS to get a solution and apply its instructions.</p>
Ref. Publications:	<p>AIRBUS Service Bulletin A340-53-5045 at original issue.</p> <p>The use of later approved revision of this document is accepted for compliance with the requirements of this AD.</p>
Remarks:	<p>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</p> <p>2. This AD was posted on 10 October 2008. EASA AD 08-116 was in consultation until 07 November 2008. The Comment Response Document can be found at <a href="http://ad.easa.europa.eu/">http://ad.easa.europa.eu/</a>.</p> <p>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>.</p> <p>4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS - Airworthiness Office - EAL; Fax: +33 1 61 93 45</p>