


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2014-0131</p> <p>Date: 22 May 2014</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 EU 748/2012, Part 21.A.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].	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A340-200/-300 aeroplanes
TCDS Number:	EASA.A.015
Foreign AD:	Not applicable
Supersedure:	None
ATA 32	Landing Gear – Centre Landing Gear – Life Limitation
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aeroplanes, all manufacturer serial numbers.
Reason:	<p>The Centre Landing Gear (CLG) was originally designed as a safe-life limited part with a finite fatigue life greater than the initial Design Service Goal of the aeroplane. However, there is currently no life limit associated with the CLG components or requirement to replace the CLG or certain CLG components before reaching a replacement threshold.</p> <p>Post type certification analyses performed in the frame of the Extended Service Goal exercise demonstrated that the fatigue life for certain CLG components could now potentially be reached.</p> <p>This condition, if not corrected, could lead to a detachment of the CLG or of certain CLG components from the aeroplane, possibly resulting in damage to the aeroplane and injury to occupants and/or people on the ground.</p> <p>For the reason described above, this AD requires implementation of new life limits for certain CLG components.</p>
Effective Date:	05 June 2014

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) From the effective date of this AD, replace each affected CLG component with a serviceable part before exceeding 25 years since the date of manufacture of the component (see Note 1 of this AD), or before exceeding the life limit as specified in Appendix 1 of this AD, as applicable, whichever occurs later.</p> <p>Note 1: The date of manufacture of each individual component can be obtained in Messier-Bugatti-Dowty (MBD) Service Letter (SL) SLA340-32-005, or by contacting MBD.</p> <p>Note 2: For the purpose of this AD, a serviceable part is a CLG part that has accumulated less than 25 years since manufacture, or less than its applicable life limit, as defined in Appendix 1 of this AD, whichever occurs later.</p> <p>(2) Compliance with the requirements of paragraph (1) of this AD can be demonstrated by:</p> <p>(2.1) Revising, as follows, the approved Aircraft Maintenance Programme (AMP) on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane:</p> <p style="padding-left: 40px;">Incorporate the 25-year limit and all applicable life limits of CLG parts as listed in Appendix 1 of this AD, and,</p> <p>(2.2) Complying with the approved AMP described in paragraph (2.1) of this AD.</p>
<p>Ref. Publications:</p>	<p>Messier Bugatti Dowty SLA340-32-005 original issue dated 20 August 2013.</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 21 March 2014 as PAD 14-053 for consultation until 18 April 2014. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Airbus – Airworthiness Office – EIAL; E-mail: airworthiness.A330-A340@airbus.com.

Appendix 1: A340-200/-300 CLG Component Life Limits

Part Name	Part Number	Flight Hours (FH) or Landings, whichever occurs first			
		Parts installed on Basic or Growth Airplane (WV00x/WV01x/WV02x series)		Parts installed on Enhanced Airplane (WV05x series)	
		Landings	FH	Landings	FH
Lower Dragstay	15315-101	25 000	134 000 (A340-200)	25 000	125 000
			156 000 (A340-300)		
Upper Dragstay	15325-101		134 000 (A340-200)		125 000
			156 000 (A340-300)		
Main Fitting (Cylinder)	37115-101		100 000		109 300
Sliding Tube (Piston)	37125-101		100 000		100 000
Trunnion Pin	37170-101		100 000		113 000