


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009 - 0192</p> <p>Date: 28 August 2009</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>	
Type Approval Holder's Name:	Type/Model designation(s):
AIRBUS	A340 aeroplanes
TCDS Number:	EASA.A.015
Foreign AD:	Not applicable
Supersedure:	None
ATA 05	Time Limits and Maintenance Checks – Airworthiness Limitations Section Part 1 – Amendment
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A340 aeroplanes, -211, -212, -213, -311, -312, -313, -541, -542, -642 and -643 models, all Manufacturer Serial Numbers.
Reason:	<p>Performing some quality tests on material, Airbus found that some 300M steel forgings used to manufacture certain landing gear components were below specification limits. Adapted airworthiness limitations were introduced in Airbus A340 Airworthiness Limitations Section (ALS) Part 1 "Safe Life Airworthiness Limitation Items (SL ALI)" for different source route codes.</p> <p>A new source route (S3) has since been investigated and has led to another set of adapted airworthiness limitations for affected main fittings.</p> <p>In addition, further tests based on a new method for the damage load selection led to life limitation changes for A340-500/-600 centre landing gear main fitting part number (P/N) 50-1105236-01 and P/N 50-1105296-00.</p> <p>This AD introduces more restrictive life limitations for several landing gear components.</p>
Effective Date:	11 September 2009
Required Action(s) and Compliance Time(s):	<p>Required as indicated, from the effective date of this AD:</p> <ul style="list-style-type: none"> – Incorporate into the approved Aircraft Maintenance Programme all applicable changes to airworthiness limitations included in the

	<p>appended Table 1 and Table 2 of this AD, and</p> <ul style="list-style-type: none"> – Comply with any action required by the approved Aircraft Maintenance Programme following incorporation of changes introduced by this AD.
Ref. Publications:	<p>AIRBUS A340 ALS Part 1 revision 03 approved under reference EASA.A.C.12282 on 29 May 2009.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EASA; Fax: +33 5 61 93 45 80. E-mail: airworthiness.A330-A340@airbus.com

SUPERSEDED

A340-200/-300 SERIES

(*) Whichever occurs first.

Explanation notes are located at the bottom of the table.

(*) Whichever occurs first. Explanation notes are located at the bottom of the table.		LIFE LIMITATIONS (*)			LIFE LIMITATIONS APPLICABILITY				
Nomenclature	Part Number	Flight Hours	Landings	Calendar Time	A340-2xx	Weight Variant (WV) 00x	WV01	Other WV02x	WV05x
ATA 32-11-00 MAIN LANDING GEAR									
Main fitting (Left Hand)	201488324 (2) (3)	91000	14035	N/A		X (1)			
		90000	20910	N/A	excl. 204				
		100000	22000	N/A				-312/-313 (1)	-313 (1)
	201488335 (2)	91000	14035	N/A		X (1)			
		90000	20910	N/A	excl. 204				
		100000	24400	N/A				-312/-313 (1)	-313 (1)
	50-2107001-00	75000	15000	N/A				-312/-313 (1)	-313 (1)
Main fitting (Right Hand)	201488325 (2) (3)	91000	14035	N/A		X (1)			
		90000	20910	N/A	excl. 204 (1)				
		100000	22000	N/A				-312/-313 (1)	-313 (1)
	201488336 (2)	91000	14035	N/A		X (1)			
		90000	20910	N/A	excl. 204 (1)				
		100000	24400	N/A				-312/-313 (1)	-313 (1)
	50-2108001-00	75000	15000	N/A				-312/-313 (1)	-313 (1)
(1) These limitations apply to parts identified as 'S3' in Messier-Bugatti Service Letter A33-34 A20 dated 31-Jul-2009.									
(2) The installation of parts identified as 'S3' in Messier-Bugatti Service Letter A33-34 A20 dated 31-Jul-2009 is prohibited on A340-213 WV021 and A340-313 WV027 POST MOD 46651.									
(3) Rework in accordance with AIRBUS Service Bulletin (SB) A340-32-4259 / Vendor SB A33/34-32-257 (AIRBUS Modification 56498) before accumulation of 8750 Landings introduces a different part number.									

Table 1

A340-500/-600 SERIES

(*) Whichever occurs first.

Explanation notes are located at the bottom of the table.

(*) Whichever occurs first. Explanation notes are located at the bottom of the table.		LIFE LIMITATIONS (*)			LIFE LIMITATIONS, APPLICABILITY			
Nomenclature	Part Number	Flight Hours	Landings	Calendar Time	A340-5xx		A340-6xx	
					WV00x	WV10x	WV00x	WV10x
ATA 32-11-00 MAIN LANDING GEAR								
Main fitting (Left Hand)	50-1209001-03	67000	7495	N/A			X (2)	
		80000	10045	N/A	X (2)			
		119000	12615	N/A				X (2)
		125000	20600	N/A		X (2)		
Main fitting (Right Hand)	50-1210001-03	67000	7495	N/A			X (2)	
		80000	10045	N/A	X (2)			
		119000	12615	N/A				X (2)
		125000	20600	N/A		X (2)		
ATA 32-15-00 CENTER LANDING GEAR								
Main fitting	50-1105236-01	3840	6520	N/A			X (2)	
		38030	6520	N/A	X (2)			
		38030	6520	N/A			X (3)	
		39560	6520	N/A	X (3)			
	50-1105296-00	39970	6520	N/A			X (1)	
		31250	5150	N/A	X (1)			
		47950	7945	N/A			X (2)	
		47950	7945	N/A			X (3)	
	50-1105326-00	40000	8240	N/A	X (2)			
		50000	8240	N/A	X (3)			
		32530	5390	N/A				X (2)
		40530	6810	N/A		X (2)		
(1) These limitations apply to parts identified as 'S1' Messier-Dowty Service Letter A33-34 A20 dated 31-Jul-2009. (2) These limitations apply to parts identified as 'S3' in Messier-Dowty Service Letter A33-34 A20 dated 31-Jul-2009. (3) These limitations apply to parts identified in notes (1) and (2) above.								

Table 2