


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No : 2007-0293</b></p> <p><b>Date: 29 November 2007</b></p>
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.	
<b>Type Approval Holder's Name :</b> AIRBUS	<b>Type/Model designation(s):</b> A300, A310, A300-600 and A300-600ST aircraft
TCDS Number: DGAC France N°145; EASA A.014	
Foreign AD: Not applicable	
Supersedure: EASA Airworthiness Directive (AD) 2007-0097, 2007-0102 and 2007-0103; and DGAC France AD (CN) 78-174-14(B).	
<b>ATA 05</b>	<b>Time Limits / Maintenance Checks – Safe Life Airworthiness Limitation Items [ALS Part 1] – Implementation</b>
<b>Manufacturer(s):</b>	AIRBUS (formerly AIRBUS INDUSTRIE)
<b>Applicability:</b>	<p>AIRBUS A300 aircraft all certified models, all serial numbers;</p> <p>AIRBUS A310 aircraft, all certified models, all serial numbers;</p> <p>AIRBUS A300-600 aircraft, all certified models, all serial numbers;</p> <p>AIRBUS A300-600ST aircraft, all serial numbers.</p>
<b>Reason:</b>	<p>The list of Safe Life Airworthiness Limitation Items (ALI's) was given in the A300 Aircraft Maintenance Manual 'Service Life Limits and Maintenance Checks' Chapter 05 revision 28, in the A310 and A300-600 Maintenance Planning Document (MPD) Section 9-1 (Life Limits/Monitored parts) revision 00 and the A300-600ST Aircraft Maintenance Manual "Service Life Limits and Maintenance Checks" Chapter 05 revision 01. The contents of these documents have been transferred into the AIRBUS A300, A310 and A300-600 ALS (Airworthiness Limitations Section). The Safe Life ALI's are now listed in the AIRBUS A300, A310 and A300-600 ALS Parts 1, which have been approved by the European Aviation Safety Agency (EASA). The revisions 00 of the AIRBUS A300, A310 and A300-600 ALS Parts 1 were also issued to introduce new items. Due to commonality between AIRBUS Wide Body aircraft Safe Life ALI's, this AD requires compliance with the instructions contained in the A300, A310 and A300-600/A300-600ST aircraft ALS part 1 revision 00, as applicable to the aircraft type. As a consequence, the former requirements of EASA AD 2007-0097 (applicable to A310, A300-600 and A300-600ST) are transferred to this new directive, which supersedes EASA AD 2007-0097.</p> <p>For A300 aircraft, EASA AD 2007-0102 and 2007-0103, as well as DGAC France AD (CN) 78-174-14(B) are also superseded by this AD; the</p>

	requirements of these documents have also been transferred to this new directive, referencing the new Airbus ALS Part 1.
Effective Date:	13 December 2007
Compliance:	<p>Compliance with the requirements of the A300, A310 and A300-600 ALS Part 1 is mandatory.</p> <p><b>A. According to the aircraft type, the following applies:</b></p> <ul style="list-style-type: none"> <li> <b>A300 aircraft</b> <ol style="list-style-type: none"> <li>(1) 3 months after the effective date of this AD, except as provided in sub-paragraph (3) of this AD, it is required to demonstrate compliance with the life limitations defined in the sub-parts 1-2 and 1-3 of the A300 ALS Part 1 at revision 00. For some parts, special compliance times are given in paragraph B (referring to Table 1) of this AD.</li> <li>(2) Within 3 months from the effective date of this AD, it is required to demonstrate compliance with the life limitations defined, either: <ul style="list-style-type: none"> <li>- In the A300 AMM Chapter 05 revision 28, except as provided in sub-paragraph (3) of this AD,</li> <li>or,</li> <li>- In the sub-parts 1-2 and 1-3 of the A300 ALS Part 1 at revision 00. For some parts, special compliance times are given in paragraph B (referring to Table 1) of this AD.</li> </ul> </li> <li>(3) From the effective date of this AD, it is required to demonstrate compliance with the life limitations defined, in the sub-parts 1-2 and 1-3 of the A300 ALS Part 1 at revision 00, for: <ul style="list-style-type: none"> <li>- MLG Shock absorber End fitting P/N C61643-2, P/N C61643-4 and P/N C61643-5,</li> <li>- NLG Pintle pin P/N A32210001205xx,</li> <li>- NLG Shock absorber Bottom P/N C62037-1,</li> <li>- Cross beam P/N 196-0328-501 (Pratt &amp; Whitney forward engine mount).</li> </ul> </li> </ol> </li> <li> <b>A310 aircraft</b> <p>From 26 July 2007 (former AD 2007-0097 implementation date) it is mandatory to demonstrate compliance with the life limitations defined in the sub-parts 1-2 and 1-3 of the A310 ALS Part 1 at revision 00. For some parts, special compliance times are given in paragraph B (referring to Table 1) of this AD.</p> </li> <li> <b>A300-600 and A300-600ST aircraft</b> <p>From 26 July 2007 (former AD 2007-0097 implementation date) it is mandatory to demonstrate compliance with the life limitations defined in the sub-parts 1-2 and 1-3 of the A300-600 ALS Part 1 at revision 00. For some parts, special compliance times are given in paragraph B (referring to Table 1) of this AD.</p> </li> </ul> <p><b>B. Special compliance time:</b></p> <p>When their history cannot be rebuilt (with or without the help of SIL 32-118), parts whose Part Numbers (P/N) are listed in Table 1 of this AD must be replaced using the associated compliance times.</p> <p>The compliance times indicated in Table 1 of this AD must be counted from the date specified in the "start date" column. Each affected part must be replaced at or prior to whichever of the special compliance times occurs first, in Landings or in Calendar time. Where the compliance time in Table 1 indicates "at next removal / installation", this means that the affected part must be replaced by a new one at first removal/installation of the part that occurs after the date specified in the "start date" column.</p>

Ref. Publications	<p>A300 ALS Part 1 revision 00 approved on 06-Sep-2007;  A300 Aircraft Maintenance Manual "Service Life Limits and Maintenance Checks" Chapter 05 revision 28 approved on 27-Feb-1998;  A310 ALS Part 1 revision 00 approved on 21-Dec-2006; and  A300-600 ALS Part 1 revision 00 approved on 21-Dec-2006.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 18 October September 2007 as PAD 07-187 for consultation until 01 November 2007. The Comment response Document can be found at <a href="http://ad.easa.europa.eu/">http://ad.easa.europa.eu/</a> .</li> <li>3. Enquiries regarding this AD should be addressed to the AD Focal Point, 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 SAS – Airworthiness Office – EAZ Fax: +33 561 93 37 44.</li> </ol>

**EASA AD No: 2007-0293 - TABLE 1**

Designation	Aircraft Type applicability					Start date	Compliance Time (whichever occurs first after the "start date")	
	A300	X					Landings	Calendar Time
	A310		X					
	A300-600			X				
	A300-600ST				X			
	Part Number (P/N)							
<b>MAIN LANDING GEAR</b>								
AFT pintle pin	A32140032200xx	X				13-Dec-2007	13 500	9 years
	A32140056200xx	X				13-Dec-2007	13 500	9 years
	A32140056202xx	X				13-Dec-2007	13 500	9 years
	A32140057200xx	X				13-Dec-2007	13 500	9 years
	A32140057202xx	X		X	X	13-Dec-2007	13 500	9 years
	A32140062000xx	X				13-Dec-2007	13 500	9 years
Half ball housing (Fwd pintle bearing)	A32140063000xx	X		X	X	13-Dec-2007	13 500	9 years
	A32140036200xx	X				13-Dec-2007	13 500	9 years
	A32140036202xx	X				13-Dec-2007	13 500	9 years
	A32140036204xx	X				13-Dec-2007	13 500	9 years
	A32140036206xx	X				13-Dec-2007	13 500	9 years
	A32140042200xx	X		X	X	13-Dec-2007	13 500	9 years
	A32140042202xx	X		X	X	13-Dec-2007	13 500	9 years
	A32140068002xx	X				13-Dec-2007	13 500	9 years
	A32140068004xx	X				13-Dec-2007	13 500	9 years
Ball (Fwd pintle pin)	A32140069002xx	X		X	X	13-Dec-2007	13 500	9 years
	A32140069004xx	X		X	X	13-Dec-2007	13 500	9 years
Pin (Multiple link/Frame 50)	A32140012202xx	X				13-Dec-2007	13 500	9 years
	A32140043202xx	X		X	X	13-Dec-2007	13 500	9 years
Pin (Drop link/Frame 50)	A53833451200xx	X				13-Dec-2007	13 500	9 years
	A53833451206xx	X				13-Dec-2007	13 500	9 years
	A53834451200xx	X				13-Dec-2007	13 500	9 years
	A53834451202xx	X		X	X	25-Apr-2007	13 500	9 years
Pin (Drop link/Frame 50)	A53811122200xx		X			25-Apr-2007	18 000	9 years
<b>MLG Barrel Assembly</b>								
Upper torque link pin nut	00-200-402	X				13-Dec-2007	N/A	30 months
	SL40089	X				13-Dec-2007	N/A	30 months
	SL40089P	X				13-Dec-2007	N/A	30 months
	SL40123	X				13-Dec-2007	N/A	30 months
	SL40123P	X	X	X	X	25-Apr-2007	N/A	30 months
Torque link medium pin nut	00-200-358	X				13-Dec-2007	N/A	30 months
	SL40114P	X	X			25-Apr-2007	N/A	30 months
	SL40132	X				13-Dec-2007	N/A	30 months
	SL40132P	X		X	X	25-Apr-2007	N/A	30 months
Attaching fitting pin	C62311-1	X				13-Dec-2007	13 500	9 years
	C62311-20	X		X	X	25-Apr-2007	13 500	9 years
Pin (Connecting rod/Upper rod)	C65815	X				13-Dec-2007	13 500	9 years
	C65815-1	X				13-Dec-2007	13 500	9 years
	C65815-20	X				13-Dec-2007	13 500	9 years
	C66472	X				13-Dec-2007	13 500	9 years
	C66472-1	X				13-Dec-2007	13 500	9 years
	C66472-20	X		X	X	25-Apr-2007	13 500	9 years
	D52751		X			25-Apr-2007	18 000	9 years
<b>MLG Shock Absorber Assembly</b>								
Lower torque link pin nut	00-200-402	X				13-Dec-2007	N/A	30 months
	SL40089	X				13-Dec-2007	N/A	30 months
	SL40089P	X				13-Dec-2007	N/A	30 months
	SL40123	X				13-Dec-2007	N/A	30 months
	SL40123P	X	X	X	X	25-Apr-2007	N/A	30 months
Bogie beam pivot pin nut	SL40054	X				13-Dec-2007	at next removal / installation (*)	
	SL40054P	X		X	X	25-Apr-2007	at next removal / installation (*)	
	SL40413P		X			25-Apr-2007	at next removal / installation (*)	
<b>MLG Lock Link Assembly</b>								
Lock link medium pin	C61485-1	X				13-Dec-2007	N/A	30 months
	C61485-20	X		X	X	25-Apr-2007	N/A	30 months

**EASA AD No: 2007-0293 - TABLE 1 (continued)**

Designation	Aircraft Type applicability					Start date	Compliance Time (whichever occurs first after the "start date")	
	A300	X					Landings	Calendar time
	A310		X					
	A300-600			X				
	A300-600ST				X			
	Part Number (P/N)							
<b>NOSE LANDING GEAR</b>								
Pintle pin	A32210079200xx	X	X	X	X	25-Apr-2007	13 500	9 years
<b>NLG Telescopic Strut Assembly</b>								
Nut (Cylinder / Locking cylinder)	C61375	X	X			25-Apr-2007	13 500	9 years
	D55955	X	X	X	X	25-Apr-2007	13 500	9 years
Locking sleeve	C61389	X	X			13-Dec-2007	13 200	9 years
	C61389-1	X	X	X	X	25-Apr-2007	13 500	9 years
<b>NLG Barrel Assembly</b>								
Pin (Clevis / Telescopic strut)	C62231-1	X				13-Dec-2007	13 200	9 years
	C62231-2	X				13-Dec-2007	13 200	9 years
	C62231-20	X	X	X		25-Apr-2007	13 500	9 years
	D56530	X	X	X	X	25-Apr-2007	13 500	9 years
Lower pin (Link / Clevis)	C62268-1	X				13-Dec-2007	13 200	9 years
	C62268-2	X				13-Dec-2007	13 200	9 years
	C62268-20	X	X	X	X	25-Apr-2007	13 500	9 years
Link (Clevis / Barrel)	C62230-1	X	X	X		25-Apr-2007	13 500	9 years
	D56526	X	X	X	X	25-Apr-2007	13 500	9 years
Upper pin (Link / Barrel)	C62267-1	X				13-Dec-2007	13 200	9 years
	C62267-2	X				13-Dec-2007	13 200	9 years
	C62267-20	X	X	X	X	25-Apr-2007	13 500	9 years
End fitting pin nut	D68062	X	X	X	X	13-Dec-2007	at next removal / installation	
	MS17825-6	X	X	X	X	13-Dec-2007	at next removal / installation	
End fitting pin	AN6-17	X	X	X	X	13-Dec-2007	at next removal / installation	
	D61183	X	X	X		13-Dec-2007	at next removal / installation	
	D68063	X	X	X	X	13-Dec-2007	at next removal / installation	
	NAS1306-22D	X	X	X		13-Dec-2007	at next removal / installation	
End fitting	C62032	X	X	X		25-Apr-2007	13 500	9 years
	C62032-1	X	X	X		25-Apr-2007	13 500	9 years
Rack	C61453	X				13-Dec-2007	13 200	9 years
	C61453-1	X	X	X		25-Apr-2007	13 500	9 years
	C61453-20	X	X	X		25-Apr-2007	13 500	9 years
	C61453-40	X	X	X	X	25-Apr-2007	13 500	9 years
	C61453-41	X	X	X	X	25-Apr-2007	13 500	9 years
Torque link pin (Upper & Lower)	C62223-1	X				13-Dec-2007	13 200	9 years
	C62223-20	X	X	X	X	25-Apr-2007	13 500	9 years
Torque link medium pin nut	SL40110P	X	X	X	X	25-Apr-2007	N/A	30 months
<b>NLG Shock Absorber Assembly</b>								
Wheel axle nut	C62879	X	X	X	X	25-Apr-2007	4 000	24 months
Upper cam dowel	C62270	X	X	X	X	13-Dec-2007	at next removal / installation	
Upper cam	C62034-1	X	X	X	X	25-Apr-2007	13 500	9 years
Lower cam	C62035	X	X	X	X	25-Apr-2007	13 500	9 years
Restrictor	C62036	X				13-Dec-2007	13 200	9 years
	C62036-1	X				13-Dec-2007	13 200	9 years
	C62036-2	X				13-Dec-2007	13 200	9 years
	C67863	X				13-Dec-2007	13 200	9 years
	C67863-1	X	X	X		25-Apr-2007	13 500	9 years
	C67863-2	X	X	X	X	25-Apr-2007	13 500	9 years
	C67863-3	X				13-Dec-2007	13 500	9 years
	C67863-4	X	X	X	X	25-Apr-2007	13 500	9 years
Lower cam dowel	C62866	X	X	X	X	13-Dec-2007	at next removal / installation	
Nut (S/A/Barrel)	C64040	X				13-Dec-2007	at next removal / installation (*)	
	C64040-1	X	X	X	X	13-Dec-2007	at next removal / installation (*)	

(\*) When the nut is temporarily removed and reinstalled for the purpose of performing maintenance outside a workshop, no replacement is required provided the nut's removal and reinstallation are performed on the same assembly and neither the assembly nor the nut accumulates time in service during the period between the removal and reinstallation.