


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0094</p> <p>Date: 21 April 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] exemption.</p>	
Type Approval Holder's Name :	Type/Model designation(s) :
AIRBUS	A300 and A300-600 aeroplane
TCDS Number :	France N° 145
Foreign AD :	Not applicable
Supersedure :	None
ATA 53, 57	Fuselage / Wings / Frame 40 Forward Fitting between Stringers 32 and 33 – Inspection Report
Manufacturer(s):	AIRBUS (formerly AIRBUS INDUSTRIE)
Applicability:	<p>AIRBUS A300B4-2C, A300B4-103, A300B4-120, A300B4-203, A300-C4-203 and A300-C4-203 aeroplanes, all serial numbers, if modified preventively in-service (without preliminary crack finding) in accordance with Airbus Service Bulletin (SB) A300-53-0297 (Airbus Modification 10453), at any revision.</p> <p>AIRBUS A300B4-601, A300B4-603, A300B4-605R, A300B4-620, A300B4-622, A300B4-622R and A300C4-620 aeroplanes, all serial numbers, if modified preventively in-service (without preliminary crack finding) in accordance with Airbus SB A300-57-6053 (Airbus Modification 10453), at any revision.</p> <p>Note: Aeroplanes having incorporated Airbus SB A300-53-0297 or SB A300-57-6053 (Airbus Modification 10453) at any revision, as applicable to the aeroplane model, as a corrective action (repair following crack finding) are not concerned by the requirements of this AD.</p>
Reason:	<p>One A300-600 aeroplane operator reported that, during a routine inspection, the Right Hand frame 40 forward fitting between stringer 32 and stringer 33 was found cracked. The subject aeroplane had previously been modified in accordance with Airbus SB A300-57-6053 (Airbus Modification 10453).</p> <p>This condition, if not corrected, could result in a deterioration of the structural integrity of the frame.</p> <p>As no fatigue maintenance tasks (Inspection SB or Airworthiness Limitation Item) presently exist to inspect the affected area for aeroplanes having incorporated Airbus Modification 10453 preventively (without preliminary crack finding), Airbus has developed a new inspection to ensure the structural integrity</p>

	<p>of this concerned area of frame 40.</p> <p>For the reasons described above, this AD requires a one-time inspection of the frame 40 area, the reporting of the inspection results and follow-up corrective action(s), depending on findings.</p>
Effective Date:	05 May 2009
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within the applicable compliance time as indicated in Appendix I (Table 1) of this AD, accomplish a one-time Detailed Visual Inspection (DVI) of the forward fitting at frame 40 on both sides of the aeroplane, in accordance with the instructions of Airbus Alert SB A300-53A0387 original issue or Alert SB A300-57A6108 original issue, as applicable to the aeroplane model. (2) Irrespective of findings, within 30 days after the inspection, send the inspection report to Airbus, in accordance with Appendix I of Airbus Alert SB A300-53A0387 original issue or Alert SB A300-57A6108 original issue, as applicable to the aeroplane model. If no cracks are found, no further action is required by this AD. (3) In case of any crack finding: <ul style="list-style-type: none"> • If crack(s) can be repaired in accordance with the instructions of Airbus Inspection Service Bulletin (ISB) A300-53-0268 revision 06 or ISB A300-57-6052 revision 03, as applicable to the aeroplane model, accomplish the necessary corrective action(s), in accordance with the instructions of ISB A300-53-0268 revision 06 or ISB A300-57-6052 revision 03, as applicable to the aeroplane model. • If crack(s) cannot be repaired in accordance with the instructions of Airbus ISB A300-53-0268 revision 06 or ISB A300-57-6052 revision 03, as applicable to the aeroplane model, before next flight, contact Airbus Repair department (following your region, e-mail: region1.StructureRepairSupport@airbus.com; or region2.StructureRepairSupport@airbus.com; or region3.StructureRepairSupport@airbus.com) for approved instructions and accomplish the necessary corrective action(s) accordingly.
Ref. Publications:	<p>AIRBUS Service Bulletins:</p> <p>A300-53A0387 original issue;</p> <p>A300-57A6108 original issue;</p> <p>A300-53-0268 revision 06;</p> <p>A300-57-6052 revision 03;</p> <p>A300-53-0297 original issue, revision 01 and revision 02;</p> <p>A300-57-6053 original issue, revision 01, revision 02 and revision 03.</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was published on 19 March 2009 as PAD 09-012 for consultation until 16 April 2009. The Comment Response Document can be found at http://ad.easa.europa.eu/. 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 question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS – EAW (Airworthiness Office, Telephone: + 33 5 61 93 36 96, Fax: + 33 5 61 93 44 51).

APPENDIX I

- Table 1 -

Aeroplane models	ISB * Threshold (Flight Cycles)	Compliance Times and associated Grace Period			
		MSB ** embodied before ISB * Threshold		MSB ** embodied after ISB * Threshold	
		Alert SB *** Threshold	Grace period (time after the effective date of this AD)	Alert SB *** Threshold	Grace period (time after the effective date of this AD)
A300B4-103, A300B4-120, A300B4-2C	9 000 FC	Alert SB *** must be accomplished before accumulation of 18 000 FC	For aeroplanes having already accumulated 18 000 FC or more, accomplish Alert SB *** within 3 months	Alert SB *** must be accomplished within 5 500 FC after MSB ** embodiment or within 6 months after the effective date of this AD, whichever occurs later.	For aeroplanes having already accumulated 11 000 FC or more after MSB ** embodiment, accomplish Alert SB *** within 3 months.
A300B4-203, A300C4-203, A300F4-203	8 300 FC	Alert SB *** must be accomplished before accumulation of 15 000 FC	For aeroplanes having already accumulated 15 000 FC or more, accomplish Alert SB *** within 3 months	Alert SB *** must be accomplished within 4 100 FC after MSB ** embodiment or within 6 months after the effective date of this AD, whichever occurs later.	For aeroplanes having already accumulated 8 200 FC or more after MSB ** embodiment, accomplish Alert SB *** within 3 months.
A300B4-601, A300B4-603, A300B4-605R, A300B4-620, A300B4-622, A300B4-622R, A300C4-620	6 100 FC	Alert SB *** must be accomplished before accumulation of 11 500 FC	For aeroplanes having already accumulated 11 500 FC or more, accomplish Alert SB *** within 3 months	Alert SB *** must be accomplished within 3 300 FC after MSB ** embodiment or within 6 months after the effective date of this AD, whichever occurs later.	For aeroplanes having already accumulated 6 600 FC or more after MSB ** embodiment, accomplish Alert SB *** within 3 months.

* A300 aeroplanes: ISB A300-53-0268; A300-600 aeroplanes: ISB A300-57-6052.

** A300 aeroplanes: MSB A300-53-0297; A300-600 aeroplanes: MSB A300-57-6053

*** A300 aeroplanes: Alert SB A300-53A038; A300-600 aeroplanes: Alert SB A300-57A6108.