

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2012-0140 Date: 27 July 2012 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.
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].	
Design Approval Holder's Name : AIRBUS	Type/Model designation(s) : A330 aeroplanes
TCDS Number:	EASA A.004
Foreign AD:	Not applicable
Supersedure:	This AD supersedes EASA AD 2010-0173 dated 17 August 2010.
ATA 53	Fuselage – Fuselage Internal Structure at Frame 39.1 – Inspection
Manufacturer(s):	Airbus (formerly Airbus Industries)
Applicability:	Airbus A330-342 aeroplanes, manufacturer serial numbers (MSN) 0012 and 0017.
Reason:	Airworthiness Limitation Item (ALI) task 533105-01-02 is applicable to aeroplanes on which Airbus modification 40391 has not been embodied in production. The requirements associated to this task are applicable to aeroplanes on which Modification Proposal (MP) S10374 has not been embodied. Following a query from an operator, investigations revealed that some aeroplane MSN, for which Airbus modification 40391 was indicated as fully embodied inside the Aircraft Inspection Report (AIR), did not have MP S10374 which is part of this modification embodied in production. As a result, ALI task 533105-01-02 has not been performed on the aeroplane MSN listed in the applicability section of this AD, which constitutes an unsafe condition. Prompted by these findings, EASA issued AD 2010-0173 to require repetitive special detailed inspections corresponding to ALI task 533105-01-02 and, depending on findings, the accomplishment of applicable corrective actions. Since that AD was issued, a new fatigue and damage tolerance evaluation has been done, taking into account the aeroplane utilisation. Certain threshold and interval are more restrictive depending on aeroplane utilisation. For the reason described above, this AD retains the requirements of EASA AD 2010-0173, which is superseded, but requires those actions to be accomplished within amended thresholds and intervals.

Effective Date:	10 August 2012
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within the threshold defined in Airbus Service Bulletin (SB) A330-53-3185 Revision 01, and thereafter at intervals not to exceed the values defined in Airbus SB A330-53-3185 Revision 01, depending on aeroplane configuration and utilisation, accomplish special detailed inspections of both Left Hand and Right Hand Fuselage Frame 39.1 at the fastener hole area just above stringer 28, in accordance with the instructions of Airbus SB A330-53-3185 Revision 01. (2) If, during any of the inspections as required by paragraph (1) of this AD, a crack is detected, before next flight, contact Airbus for approved corrective action instructions and accomplish those instructions accordingly. (3) Inspections, accomplished before the effective date of this AD, in accordance with the instructions of Airbus SB A330-53-3185 at original issue, are acceptable to comply with the initial requirements of paragraph (1) of this AD. From the effective date of this AD, inspections must be accomplished in accordance with the instructions of Airbus SB A330-53-3185 Revision 01.
Ref. Publications :	Airbus SB A330-53-3185 Revision 01 dated 03 February 2012. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 28 June 2012 as PAD 12-068 for consultation until 26 July 2012. No comments were received during the consultation period. 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.