

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0173 Date: 13 September 2011 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].	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A330 aeroplanes
TCDS Number :	EASA A.004
Foreign AD :	Not applicable
Supersedure :	None
ATA 71	Power Plant – Engine Air Inlet Cowl Acoustic Panels – Inspection
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-243, A330-243F, A330-341, A330-342 and A330-343 aeroplanes, all manufacturer serial numbers.
Reason:	Two operators of A330 aeroplanes fitted with Rolls-Royce Trent 700 engines reported finding extensive damage to engine air intake cowls as a result of acoustic panel collapse, most probably caused by panel disbonding. This condition, if not detected and corrected, could lead to the detachment of the engine air intake cowl from the engine, possibly resulting in ingestion of parts by, and consequence damage to, the engine, or injury to persons on the ground. For the reasons described above, this AD requires repetitive special detailed inspections (tap tests) of the 3 inner acoustic panels of both engine air intake cowls to detect any disbonding and, depending on findings, applicable corrective actions.
Effective Date:	27 September 2011

Required Action(s) and Compliance Time(s):	Required as indicated, unless already accomplished: (1) Within the threshold indicated in Table 1 of this AD, as applicable, accomplish a special detailed inspection of the three inner acoustic panels of each engine air intake cowl, in accordance with the instructions of Airbus Service Bulletin (SB) A330-71-3024. Table 1 <table border="1" data-bbox="588 367 1404 848"> <thead> <tr> <th data-bbox="592 371 976 539">Time accumulated by the engine air intake cowl since its first installation on an aeroplane, on the effective date of this AD</th><th data-bbox="976 371 1401 539">Compliance Time</th></tr> </thead> <tbody> <tr> <td data-bbox="592 539 976 741">Less than 5 000 flight cycles (FC) or 20 000 flight hours (FH), whichever occurs first</td><td data-bbox="976 539 1401 741">Within 24 months after the engine air intake cowl has accumulated 5 000 FC or 20 000 FH, whichever occurs first since its first installation on an aeroplane</td></tr> <tr> <td data-bbox="592 741 976 844">Equal to or exceeding 5 000 FC or 20 000 FH, whichever occurs first</td><td data-bbox="976 741 1401 844">Within 24 months after the effective date of this AD</td></tr> </tbody> </table> (2) After the effective date of this AD, whenever an engine air intake cowl is replaced, within the compliance time specified in paragraph (2.1) or (2.2) of this AD, as applicable, accomplish a special detailed inspection of the three inner acoustic panels of the affected engine air intake cowl, in accordance with the instructions of Airbus SB A330-71-3024. (2.1) Within 24 months after the engine air intake cowl accumulates 5 000 FC or 20 000 FH, whichever occurs first since its first installation on an aeroplane, or (2.2) Before installation on an aeroplane, if the engine air intake cowl has already accumulated or exceeded 5 000 FC or 20 000 FH since its first installation on an aeroplane, and has not been inspected in accordance with the instructions of Airbus SB A330-71-3024 during the preceding 24 months period. (3) Depending on findings as a result of an inspection as required by paragraph (1) or paragraph (2) of this AD, and within the time period specified in Airbus SB A330-71-3024, accomplish the appropriate corrective actions (further inspections and/or repair of the affected engine air intake cowl, or replacement of the affected engine air intake cowl), followed by repetitive inspections, in accordance with the instructions of Airbus SB A330-71-3024.	Time accumulated by the engine air intake cowl since its first installation on an aeroplane, on the effective date of this AD	Compliance Time	Less than 5 000 flight cycles (FC) or 20 000 flight hours (FH), whichever occurs first	Within 24 months after the engine air intake cowl has accumulated 5 000 FC or 20 000 FH, whichever occurs first since its first installation on an aeroplane	Equal to or exceeding 5 000 FC or 20 000 FH, whichever occurs first	Within 24 months after the effective date of this AD
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Ref. Publications:	Airbus SB A330-71-3024 original issue, dated 11 May 2011. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.						
Remarks :	- If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. - This AD was posted on 21 July 2011 as PAD 11-073 for consultation until 18 August 2011. No comments were received during the consultation period. - Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. - For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS – Airworthiness Office – EAL, Fax: +33 5 61 93 45 80, E-mail: airworthiness.A330-A340@airbus.com.						