EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0173R1 **Date: 21 August 2014** 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 EU 748/2012, Part 21.A.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 :	**Type/Model designation(s) :**
AIRBUS	A330 aeroplanes

TCDS Number:	EASA A.004
Foreign AD:	Not applicable
Revision:	This AD revises EASA AD 2011-0173 dated 13 September 2011.

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, except those that have embodied Airbus modification (mod) 202395 in production.
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. To address this potential unsafe condition, EASA issued AD 2011-0173 to require 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. Since that AD was issued, Airbus issued Service Bulletin (SB) A330-71-3030 (which refers to Rolls-Royce SB RB.211-71-H205), accomplishment of which constitutes (optional) terminating action for the repetitive inspections (tap tests) required by this AD. For the reason described above, this AD is revised to reduce the Applicability and to add paragraph (4), confirming the available optional terminating action.
Effective Date:	Revision 1: 21 August 2014

<table>
<tr><td></td><td>Original issue: 27 September 2011</td></tr>
<tr><td>Required Action(s) and Compliance Time(s):</td><td>
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>
<tr><th>Time accumulated by the engine air intake cowl since its first installation on an aeroplane, on 27 September 2011 [the effective date of the original issue of this AD</th><th>Compliance Time</th></tr>
<tr><td>Less than 5 000 flight cycles (FC) or 20 000 flight hours (FH), whichever occurs first</td><td>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>Equal to or exceeding 5 000 FC or 20 000 FH, whichever occurs first</td><td>Within 24 months after 27 September 2011 [the effective date of the original issue of this AD]</td></tr>
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(2) After 27 September 2011 [the effective date of the original issue 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.

(4) Modification of an aeroplane in accordance with the instructions of Airbus SB A330-71-3030 constitutes terminating action for the requirements of this AD for that aeroplane.
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<tr><td>Ref. Publications:</td><td>
Airbus SB A330-71-3024 original issue dated 11 May 2011, or Revision 01 dated 27 September 2011, or Revision 02 dated 06 February 2013.

Airbus SB A330-71-3030 original issue dated 09 July 2014.

The use of later approved revisions of these documents is acceptable for
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	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. The original issue of 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. 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 SAS – Airworthiness Office – EIAL, Fax: +33 5 61 93 45 80, E-mail: airworthiness.A330-A340@airbus.com.