

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<b>AD No.: 2009-0150</b>  <b>Date: 09 July 2009</b>  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].	
<b>Type Approval Holder's Name :</b>  AIRBUS	<b>Type/Model designation(s) :</b>  A330-200 and A340-200/-300 aeroplanes
TCDS Number : EASA.A.004, EASA.A.015	
Foreign AD : Not applicable	
Supersedure : None	
<b>ATA 21</b>	<b>Air Conditioning – Air Cooling Heat Shield – Modification</b>
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-201, A330-202, A330-203, A330-223, A330-243 aeroplanes, all manufacturer serial numbers (MSN), and  Airbus A340-211, A340-212, A340-213, A340-311, A340-312 and A340-313 aeroplanes, all MSN,  on which Airbus modification 49520 has been embodied in production or on which Airbus Service Bulletin (SB) A330-21- 3096 Revision 01 or SB A340-21-4107 Revision 01 has been embodied in service, except those on which Airbus modification 58551 has been embodied in production.
Reason:	Further to the accident which occurred to a Boeing 747-131 (flight TWA800), the FAA published SFAR 88 (Special Federal Aviation Regulation 88).  By mail referenced 04/00/02/07/01-L296 of March 4th, 2002 and 04/00/02/07/03-L024 of February 3rd, 2003 the JAA recommended to the National Aviation Authorities (NAAs) the application of a similar regulation.  The aim of this regulation is to require all holders of type certificates for transport aeroplanes certified after January 1st, 1958 with a capacity of 30 passengers or more, or a payload of 3,402 kg or more, to carry out a definition review against explosion hazards.  Accordingly, EASA AD 2006-0191 required the installation of new heat shield panels with drainage over the air conditioning packs in order to

	<p>avoid an undetected fire in this zone following a fuel leak from the centre tank.</p> <p>These new heat shield panels have holes. In case of fuel leaking through these holes from the centre tank, any fuel vapour may develop into a potential source of ignition, possibly resulting in a fuel tank explosion and consequent loss of the aeroplane. Airbus has developed a repair solution for these holes to prevent a fuel vapour ignition source in this area and improve the protection of the hot air equipment.</p> <p>To be fully compliant with SFAR 88, this AD requires the installation of plugs on the heat shield panels of the Left Hand (LH) and Right Hand (RH) Air Conditioning packs.</p>
Effective Date:	23 July 2009
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless already accomplished:</p> <p>Within 24 months after the effective date of this AD, plug the 6 receptacle holes on the heat shield of the LH Air conditioning pack and plug the 4 receptacle holes on the heat shield of the RH Air conditioning pack in accordance with the instructions of Airbus SB A330-21-3148 or A340-21-4147, as applicable depending on the aeroplane type.</p>
Ref. Publications:	<p>Airbus Service Bulletin A330-21-3148 at original issue dated 30 January 2009,</p> <p>Airbus Service Bulletin A340-21-4147 at original issue dated 30 January 2009.</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 approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 27 May 2009 as PAD 09-075 for consultation until 26 June 2009. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any questions concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EAL; Fax + 33 5 61 93 45 80 or + 33 5 61 93 44 51. E-mail: <a href="mailto:airworthiness.A330-A340@airbus.com">airworthiness.A330-A340@airbus.com</a>.</li> </ol>