

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2014-0248
	Date: 19 November 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: AIRBUS	Type/Model designation(s): A330 aeroplanes
TCDS Number: EASA.A.004	
Foreign AD: Not applicable	
Supersedure: This AD supersedes EASA AD 2013-0250R1 dated 31 October 2013.	
ATA 26	Fire Protection – Fire Extinguisher Hose Assembly – Replacement
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-202, A330-203, A330-223 and A330-243 aeroplanes, all manufacturer serial numbers, which incorporate: Airbus modification (mod) 45785, or Airbus mod 45883, or Airbus mod 46616, except those aeroplanes which incorporate Airbus mod 200195, or Airbus mod 40487 in production, or Airbus Service Bulletin (SB) A330-26-3013 in-service. Note: Airbus mod 40487 (in production modification) and Airbus SB A330-26-3013 (in-service modification) concern installation of Pacific-Scientific fire extinguisher bottles, which are not affected by this AD.
Reason:	During a design review of aeroplane configuration incorporating Kidde fire extinguisher bottles and optional galley cooling rack installation, it was identified that the air cooling rack is installed too close to the supply hose of the high rated fire extinguishing bottle in the area of frame (FR)34. Inadequate physical separation between the flexible hose and the air cooling rack could lead to chafing, likely resulting in loss of the Fire Extinguishing System for the Lower Deck Cargo Compartment. This condition, if not corrected, could lead, in case of fire, to an uncontrolled fire in the cargo compartment, which could ultimately jeopardise the aeroplane's safe flight.

	To address this unsafe condition, Airbus developed an improved flexible hose assembly (Airbus mod 200195, available for in-service aeroplanes through Airbus SB A330-26-3046) and EASA issued AD 2013-0250 (later revised) to require replacement of Part Number (P/N) P/N A2627045200000 flexible hose assembly of the Fire Extinguisher System at FR34. Since EASA AD 2013-0250R1 was issued, it was discovered that another flexible hose assembly, P/N A2627045400200, is also affected by this chafing issue. Prompted by this finding, Airbus issued SB A330-26-3046 Revision 02 to incorporate this additional affected P/N and to provide additional work instructions for aeroplanes which accomplished the SB at a previous revision. For the reasons described above, this AD retains the requirements of EASA AD 2013-0250R1, which is superseded, and requires additional work on aeroplanes that have already been modified in accordance with the instructions of the original issue or Revision 01 of the SB.
Effective Date:	03 December 2014
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 6 months after the effective date of this AD, accomplish the action as specified in paragraph (1) or (2) of this AD, as applicable: (1) Replace the flexible hose assembly, at FR34 on the right hand (RH) side, P/N A2627045200000 or P/N A2627045400200, with improved parts in accordance with the instructions of Airbus SB A330-26-3046 Revision 02. (2) For aeroplanes which have already been modified, before the effective date of this AD, in accordance with the instructions of Airbus SB A330-26-3046 at original issue or Revision 01, accomplish the additional work as identified in, and in accordance with the instructions of, Airbus SB A330-26-3046 Revision 02. (3) From the effective date of this AD, do not install on any aeroplane a flexible hose assembly, P/N A2627045200000 or P/N A2627045400200, as a part of the forward fire extinguishing system on the RH side at FR34.
Ref. Publications:	Airbus SB A330-26-3046 at original issue dated 10 April 2010 or revision 1 dated 28 February 2013 or Revision 02 dated 16 June 2014. 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 15 October 2014 as PAD 14-149 for consultation until 12 November 2014. The Comment Response Document can be found at http://ad.easa.europa.eu/. 3. Enquiries regarding this AD should be referred to the Safety Information 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 – Airworthiness Office – EIAL; E-mail: airworthiness.A330-A340@airbus.com.