


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2008-0196</p> <p>Date: 27 October 2008</p> <p>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.</p>	
<p>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].</p>		
Type Approval Holder's Name :		Type/Model designation(s) :
AIRBUS		A330 aircraft
TCDS Number : EASA.A.004		
Foreign AD : Not applicable		
Supersedure : None		
ATA 26	Fire protection – Engine Fire Extinguisher Bottle Connection – Inspection / Replacement	
Manufacturer(s):	AIRBUS (formerly AIRBUS INDUSTRIE)	
Applicability:	<p>AIRBUS A330 aircraft, models -201, -202, -203, -223, -243, -301, -302, -303, -321, -322, -323, -341, -342 and -343, serial numbers:</p> <p>0845, 0850, 0851, 0852, 0853, 0854, 0855, 0857, 0858, 0859, 0860, 0861, 0862, 0863, 0865, 0866, 0867, 0868, 0869, 0871, 0873, 0875, 0876, 0877, 0879, 0881, 0882, 0883, 0884, 0885, 0887, 0888, 0889, 0890, 0892, 0893, 0895, 0896, 0898, 0899, 0900, 0901, 0903, 0904, 0905, 0906, 0907, 0908, 0909, 0911, 0913, 0914, 0915, 0916, 0918, 0919, 0920, 0922, 0923 and 0951.</p>	
Reason:	<p>During receipt of spare parts at the final assembly line, it was discovered that lugs of the assembly nut, part number (P/N) A2621005000200, had been inverted (wrong orientation of the braking pin) during manufacturing process at the supplier.</p> <p>The assembly nut P/N A2621005000200 is part of the engine fire-extinguishing piping assembly. It connects the extinguisher discharge head with the piping. The lugs function is to prevent the connection untwisting once it has been hand-tightened with the correct torque. This lug inversion could give the illusion of correct torque whereas the affected parts are not properly connected.</p> <p>Loose connection could lead to loss of the fire extinguishing system integrity and therefore inability to ensure the adequate agent concentration. In combination with an engine fire event, it could result in a temporary uncontrolled engine fire, which constitutes an unsafe condition.</p>	

	To restore connection integrity, this Airworthiness Directive (AD) requires a one time general visual inspection of the affected nut assembly to detect and correct any wrong orientation of lugs.
Effective Date:	10 November 2008
Required action(s) and Compliance Time(s):	<ol style="list-style-type: none"> 1. Required as indicated, unless already accomplished: Within 900 Flight Hours from the effective date of this AD, perform a general visual inspection of the fire extinguisher bottle nut assembly of both engines and apply the associated corrective actions in accordance with instructions of AIRBUS Service Bulletin (SB) A330-26-3043. 2. The results of this inspection, whatever they are, must be reported to AIRBUS within 30 days from the accomplishment date of the inspection.
Ref. Publications:	<p>AIRBUS Service Bulletin A330-26-3043 original issue dated 07 October 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research 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 SAS – Airworthiness Office – EAL. Fax: +33 5 61 93 45 80, E-mail: airworthiness.A330-A340@airbus.com .