

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2008-0019</p> <p>Date: 28 January 2008</p>	
<p>No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.</p>		
<p>Type Approval Holder's Name : AIRBUS</p>	<p>Type/Model designation(s) : A330 aircraft and A340-500/600 series</p>	
<p>TCDS Number : EASA A.004, EASA A.015</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : None</p>		
<p>ATA 71</p>	<p>Power Plant – Engine Mount Link Pin Retention Bolts – Inspection</p>	
<p>Manufacturer(s):</p>	<p>AIRBUS (formerly AIRBUS INDUSTRIE)</p>	
<p>Applicability:</p>	<p>AIRBUS aircraft A330-200, A330-300, A340-500 and A340-600 series, model -243, -511, -342, -343, -541, -542, -642 and -643, all serial numbers.</p>	
<p>Reason:</p>	<p>It has been evidenced by test that the tightening torque settings on the Rolls Royce Trent 500 and Trent 700 forward (FWD) and aft (AFT) engine mount link pin retention bolts have always been higher than the design value.</p> <p>These bolts retain the washers that maintain the engine mount vertical load pins in position.</p> <p>Bolts failure and detachment would lead to loss of the vertical load pins, which could result in loss of the primary and/or secondary load path of the forward and/or aft engine mount which could potentially lead to engine separation.</p> <p>In order to ensure engine mount integrity, this AD requires a one time visual inspection of the impacted forward (6 bolts per each engine type) and aft (6 bolts for Trent 500 and 7 bolts for Trent 700 engine) engine mount link pin retaining bolts in order to detect any broken or missing bolts.</p> <p>Based on the results of on going testing, threshold for replacement of all Trent 500/700 engine mount link pin retaining bolts by new ones will be determined and mandated by a future AD.</p>	
<p>Effective Date:</p>	<p>11 February 2008</p>	

SUPERSEDED

Compliance:	<p>Required as indicated, unless already accomplished:</p> <p>1. For aircraft delivered before 1st of May 2007, and</p> <p>For aircraft delivered between 1st of May 2007 and the effective date of this AD for which engine mounts removal or installation has been performed in service for any reason:</p> <p>In accordance with instructions of AIRBUS AOT A330-71A3021 or AOT A340-71A5003, as applicable:</p> <p>Within 800 Flight Hours from the effective date of this AD, or at next engine removal, whichever occurs first, perform a visual inspection of the affected forward and aft engine mount link pin retention bolts on all engines and apply the associated corrective actions before next flight.</p> <p>The inspection results, whatever they are, must be reported to AIRBUS within 20 days after the inspection.</p> <p>2. Installation of spare engines as a replacement on in-service aircraft</p> <p>At the effective date of this AD, engine mounts installed on engines off wing must be inspected in accordance with the instruction of AOT A330-71A3021 or AOT A340-71A5003 before installation on in-service aircraft and associated corrective actions must be applied.</p> <p>3. For any maintenance operation on engine mounts</p> <p>From the effective date of this AD, operators must ensure that the correct torque values are applied, as reflected in the revised documentation quoted in paragraph 1 of AOT A330-71A3021 or AOT A340-71A5003, as applicable, when performing maintenance on engine mounts.</p>
Ref. Publications:	<p>All Operators Telex (AOT) A330-71A3021 Original issue, All Operators Telex (AOT) A340-71A5003 Original issue.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<p>1. If requested and appropriately substantiated, EASA can accept Alternative Method of Compliance for this AD.</p> <p>2. Required actions and the risk assessment have warranted the immediate adoption of this Final AD with request for comments.</p> <p>3. Enquiries regarding this Airworthiness Directive should be referred to the Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu .</p> <p>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 .</p>

SUPERSEDED