


EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2007 - 0166 Date: 15 June 2007	
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.		
Type Approval Holder's Name :		Type/Model designation(s) :
AIRBUS		A330 aircraft
TCDS Number: EASA A.004		
Foreign AD: Not applicable		
Supersedure: Not applicable		
ATA 78	Exhaust – Thrust Reverser Hinge n°5 – Sleeve and Pin Replacement	
Manufacturer(s):	AIRBUS (formerly AIRBUS INDUSTRIE)	
Applicability:	<p>AIRBUS A330 aircraft, -243, -341, -342 and -343 models, all serial numbers, except those on which AIRBUS modification 56129 has been embodied in production or AIRBUS Service Bulletin (SB) A330-78-3017 has been embodied in service.</p> <p>This applicability is established considering that the aircraft have not been subject to any replacement of the thrust reverser unit since delivery or SB A330-78-3017 embodiment. It is the responsibility of the operator to check that its aircraft is in compliance with the present Airworthiness Directive (AD).</p>	
Reason:	<p>It has been discovered that a batch of sleeves and pins of the Rolls-Royce Trent 700 Thrust Reverser Unit (TRU) hinge n°5 has not been subjected to the correct precipitation hardening.</p> <p>This production quality issue, if not corrected, can lead to the complete failure of the hinge n°5 – the remaining hinges may not sustain ultimate load - resulting in the worst case to the TRU release from the pylon, which constitutes an unsafe condition.</p> <p>The degradation of the mechanical specifications of these parts puts into question the current design life goal of these parts. Consequently, the</p>	

	<p>sleeve and affected pin on the TRU hinge n°5 must be removed from service by means of this AD.</p> <p>Note: AIRBUS SB A330-78-3017 covers Rolls-Royce SB RB.211-78-AF273.</p>
Effective Date:	29 June 2007
Compliance:	<p>Not later than 31 July 2008, in accordance with instructions of AIRBUS SB A330-78-3017, for each thrust reverser unit:</p> <ul style="list-style-type: none"> - replace all sleeves of the thrust reverser unit hinge n°5 (LH and RH) and - identify and replace all affected pins of the thrust reverser unit hinge n°5 (LH and RH).
Ref. Publications:	<p>AIRBUS Service Bulletin A330-78-3017;</p> <p>or later approved revisions.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 07-055 for consultation on 03 April 2007 with a comment period until 03 May 2007. No comments were received during the consultation period. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - 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 or + 33 5 61 93 44 51.