


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2006 - 0257</b></p> <p><b>Date: 24 August 2006</b></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>		
<b>Type Approval Holder's Name:</b>		<b>Type/Model designations:</b>
AIRBUS SAS		A300-600 series
TCDS Number: France No 145		
Foreign AD: Not applicable.		
Supersedure: Not applicable.		
<b>ATA 53</b>		
<b>Fuselage – Wing-to-Fuselage Junction Taperlocks – Inspection</b>		
Manufacturer: AIRBUS (formerly AIRBUS INDUSTRIE)		
Applicability: AIRBUS A300-600 series aircraft, manufacturing serial numbers (MSN) 0815 up to MSN 0821 included.		
Reason: <p>During installation of the wing to the centre wing box junction on the Final Assembly Line, some “taperlocks” fasteners were found non compliant with the specification.</p> <p>Fatigue tests on samples and calculation performed on non-conform fasteners demonstrated that this defect could lead to decrease the fatigue life of the wing to centre wing box assembly.</p> <p>At some locations, the new calculated fatigue life falls below the aircraft Design Service Goal.</p> <p>The aim of this Airworthiness Directive (AD) is to mandate repetitive inspections to ensure detection of cracks on the panels and stiffeners at rib No.1. This situation, if left uncorrected, could affect the structural integrity of the area.</p>		
Effective Date: 03 September 2006		

Compliance:	<p>The following actions are rendered mandatory at the effective date of this AD :</p> <p><b>Action No. 1</b> : for the centre wing box</p> <p>1.1. Before accumulation of 19,800 Flight Cycles (FC) or 41,200 Flight Hours (FH) whichever occurs first, do an external ultrasonic inspection of the taperlocks fasteners of the centre wing box in accordance with the instructions of the AIRBUS Service Bulletin (SB) A300-53-6154 as applicable.</p> <p>1.2. Repeat the inspections in accordance with the instructions of SB A300-53-6154 as applicable at intervals not exceeding 3,300 FC or 6,900 FH whichever occurs first.</p> <p><b>Note 1:</b> The interval is valid until the threshold of the Airworthiness Limitation Item (ALI) task 571006-02-1 is reached. After reaching this threshold, the ultrasonic inspection is to be done according to the ALI task 571006-02-1.</p> <p><b>Action No. 2</b> : for the outer wing box</p> <p>2.1. Before accumulation of 15,200 FC or 31,700 FH whichever occurs first, do an external ultrasonic inspection of the taperlocks fasteners of the outer wing box in accordance with the instructions of the SB A300-53-6154 as applicable.</p> <p>2.2. Repeat the inspections in accordance with the instructions of SB A300-53-6154 as applicable at intervals not exceeding 3,700 FC or 7,700 FH whichever occurs first.</p> <p><b>Note 2:</b> The interval is valid until the threshold of the ALI task 571022-01-2 is reached. After reaching this threshold, the ultrasonic inspection is to be done according to the ALI task 571022-01-2.</p> <p><b>Action No. 3</b> : for the outer wing box</p> <p>3.1. Before accumulation of 20,900 FC or 43,400 FH whichever occurs first, do an internal X-Ray inspection of the taperlocks fasteners of the outer wing box in accordance with the instructions of the SB A300-53-6154 as applicable.</p> <p>3.2. Repeat the inspections in accordance with the instructions of SB A300-53-6154 as applicable at intervals not exceeding 1,800 FC or 3,700 FH whichever occurs first.</p> <p><b>Note 3:</b> The interval is valid until the threshold of the ALI task 571022-02-2 is reached. After reaching this threshold, the X-Ray inspection is to be done according to the ALI task 571022-02-2.</p>
Ref. Publications:	AIRBUS Service Bulletin A300-53-6154 original issue or later approved revisions.

Remarks :	<ol style="list-style-type: none"><li>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.</li><li>2. This AD was posted as PAD 06-167 for consultation on 28 June 2006 with a comment period until 26 July 2006. No comments were received during the consultation period.</li><li>3. Enquiries regarding this Airworthiness Directive should be referred to Mr. M. Capaccio, Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a></li><li>4. For any question concerning the technical content of the requirements in this AD, please contact AIRBUS SAS – EAW, Airworthiness Office, Telephone +33 5 61 93 36 96, Facsimile +33 5 61 93 44 51.</li></ol>
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