


EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2008-0216	
	Date: 09 December 2008 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 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].		
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A380 Aircraft	
TCDS Number : EASA.A.110		
Foreign AD : Not applicable		
Supersedure : None		
ATA 57	Wings - Movable Flap Track Fairing - Inspection / Replacement	
Manufacturer : AIRBUS		
Applicability : AIRBUS A380 aircraft, -841, -842 and -861 models, all serial numbers.		
Reason:	<p>During the flight test campaign of the A380-861 model (Engine Alliance powered), some cracks were found on the Movable Flap Track Fairing number 6 (MFTF#6).</p> <p>These cracks were located at the pivot attachment support-ring and at the U-frame in the attachment area to aft-kinematic. In addition, delamination has been observed within the monolithic Carbon Fibre Reinforced Plastic (CFRP) structure around the pivot support-ring.</p> <p>This condition, if not corrected, could lead to in-flight loss of the MFTF#6, potentially resulting in injuries to persons on the ground.</p> <p>To prevent the risk of a MFTF#6 detachment, this Airworthiness Directive (AD) requires an inspection program in order to detect cracks before they become critical and in case of findings to replace the MFTF#6.</p>	
Effective Date:	23 December 2008	

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> Perform the following inspection program on Left Hand and Right Hand MFTF#6 in accordance with the instructions of AIRBUS Service Bulletin (SB) A380-57-8014: <ul style="list-style-type: none"> special detailed (ultrasonic and High-Frequency Eddy Current) inspections of the filet radii of pivot supports, monolithic CFRP structure and radii of U-Frame, and General Visual Inspection of MFTF#6 <p><u>For -841 and -842 aircraft models :</u></p> <p>Before the MFTF#6 has accumulated 500 Total Flight Cycles (FC) since its first installation on an aircraft.</p> <p><u>For -861 aircraft model :</u></p> <p>Before the MFTF#6 has accumulated 100 Total FC since its first installation on an aircraft.</p> <ol style="list-style-type: none"> If no crack is detected, repeat the inspections defined in paragraph 1. of this AD at intervals not exceeding : <p><u>For -841 and -842 aircraft models : 50 FC</u></p> <p><u>For -861 aircraft model : 10 FC</u></p> In case of findings, before next flight, replace the MFTF#6 in accordance with the instructions of AIRBUS Service Bulletin A380-57-8014 and repeat the inspection at the thresholds defined in paragraph 1. of this AD.
<p>Ref. Publications:</p>	<p>AIRBUS Service Bulletin A380-57-8014, Original issue.</p> <p>The use of any approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> request and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 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. Requests regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS - EANA (Airworthiness Office); Phone +33 562110253 ; Fax :+33 562 110 307; E-mail:account.airworth-A380@airbus.com and Nicolas.Cordeau@airbus.com.