


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2010-0212</p> <p>Date: 18 October 2010</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>		
<p>Type Approval Holder's Name : CFM International SA</p>	<p>Type/Model designation(s) : CFM56-5B Series Engines</p>	
<p>TCDS Number : EASA E.003</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : None</p>		
<p>ATA 72</p>	<p>Engine – Fan Blade – Replacement</p>	
<p>Manufacturer(s):</p>	<p>Snecma, GE Aviation</p>	
<p>Applicability:</p>	<p>CFM56-5B1/3, CFM56-5B2/3, CFM56-5B3/3, CFM56-5B4/3, CFM56-5B5/3, CFM56-5B6/3, CFM56-5B7/3, CFM56-5B8/3, CFM56-5B9/3, CFM56-5B3/3B1, CFM56-5B4/3B1 engines if equipped with Fan Blades Serial Numbers as listed in CFM International Service Bulletin (SB) CFM56-5B S/B 72-0777.</p> <p>These engines are known to be installed on, but not limited to, Airbus A318, A319, A320 and A321 aeroplanes.</p>	
<p>Reason:</p>	<p>During quality inspections at blades manufacturer, a non-conforming fan blades geometry was detected. The quality investigation isolated a production batch which is potentially affected by this issue.</p> <p>For those potentially affected fan blades, in case of Foreign Object Damage, it could lead to an In Flight Shut Down of the engine following liberation of fan blade upper panel.</p> <p>This AD requires replacement of the potentially affected fan blades with a serviceable blade.</p>	
<p>Effective Date:</p>	<p>01 November 2010</p>	

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) For aeroplanes on which the affected fan blades are installed on both engines, within 1 600 Flight Hours (FH) after the effective date of this AD, replace the affected blades with serviceable blades in accordance with CFM International Service Bulletin (SB) CFM56-5B S/B 72-0777.</p> <p>(2) For aeroplanes on which the affected fan blades are installed on one engine only, within 5 000 (FH) after the effective date of this AD, replace the affected blades with a serviceable blade in accordance with CFM International SB CFM56-5B S/B 72-0777.</p> <p>(3) From the effective date of this AD, do not install on any engine a fan blade, having a S/N as specified in CFM International SB CFM56-5B S/B 72-0777.</p> <p>Note: CFM International SB CFM56-5B S/B 72-0777 requests that affected blades are returned to CFM International SA.</p>
<p>Ref. Publications:</p>	<p>CFM International SB CFM56-5B S/B 72-0777 dated 07 July 2010.</p> <p>The use of later 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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 10 September 2010 as PAD 10-080 for consultation until 08 October 2010. The Comment Response Document can be found at http://ad.easa.europa.eu. 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: <ul style="list-style-type: none"> CFM SA Customer Support Center E-mail : snecma.csc@snecma.fr International Phone : +33 1 64 14 88 66 Fax : +33 1 64 79 85 55 <p>Or</p> <ul style="list-style-type: none"> CFM Inc. Customer Support Center E-mail : geae.csc@ae.ge.com International Phone: +1 513-552-3272 USA Phone: 877-GEAE-CSC