


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 09-048</p> <p>Date: 04 March 2009</p> <p>Note: This Proposed Airworthiness Directive (PAD) 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>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance / cancellation of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
<p>Type Approval Holder's Name :</p> <p>CFM International SA</p>	<p>Type/Model designation(s) :</p> <p>CFM56-5B turbofan engines</p>
<p>TCDS Number : EASA.E.003</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
ATA 05	Time Limits – Low Pressure Turbine Rear Frame – Life Limit / Mandatory Inspection
Manufacturer(s):	Snecma, GE Aviation
Applicability:	<p>CFM International (CFM) CFM56-5B1/P, -5B2/P, -5B3/P, -5B4/P, -5B5/P, -5B6/P, -5B7/P, -5B8/P, -5B9/P, -5B3/P1, -5B4/P1, -5B1/3, -5B2/3, -5B3/3, -5B4/3, -5B5/3, -5B6/3, -5B7/3, -5B8/3, -5B9/3, -5B3/3B1, -5B4/3B1 turbofan engines (CFM56-5Bn/P SAC and CFM56-5Bn/3) operating in commercial application and in corporate application (CFM56-5B Service Bulletin S/B 72-0308 applied) equipped with a low pressure turbine (LPT) rear frame part number (P/N) 338-171-751-0 and 338-171-752-0.</p> <p>These engines are known to be installed on, but not limited to, Airbus A318, A319, A320 and A321 series aeroplanes.</p>
Reason:	<p>The concerned LPT rear frame part numbers were introduced by the CFM56-5B Service Bulletin S/B 72-0570 revision 02 issued 21 January 2008. They are obtained by modifying (reworking) older P/N.</p> <p>Before the issue of the CFM56-5B Engine Shop Manual (ESM) Temporary Revisions (TR) 05-0184, 05-0185, and 05-0186 on November 21, 2008, the concerned LPT rear frames were neither subject to a life limit nor to a mandatory inspection.</p> <p>This AD is issued to make sure that all operators are informed about the Low Cycle Fatigue (LCF) life limits or mandatory inspections affecting these new P/N and revise their aircraft maintenance programs accordingly.</p>

Effective Date:	[TBD: 14 days after final AD issue date]
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> 1) Within 30 days after the effective date of this AD, amend the approved operator maintenance programme to incorporate the new LCF life limits or mandatory inspections for LPT rear frame P/N 338-171-751-0 and 338-171-752-0, in accordance with the CFM56-5B ESM chapter 05 Temporary Revision (TR) 05-0184, 05-0185, and 05-0186 applicable to the Engine Shop Manual Revision 52 or in accordance with subsequent revisions of the Engine Shop Manual that incorporate these Temporary Revisions. 2) If the number of total cycles accumulated by a LPT rear frame P/N 338-171-751-0 and 338-171-752-0 cannot be positively established, then within 300 cycles after the effective date of the AD, remove and replace the LPT rear frame or perform the inspections in accordance with CFM56-5B Service Bulletin S/B 72-0620 revision 2. <p>Note: The number of total cycles accumulated of the LPT rear frame is the sum of the number of cycles accumulated before and after compliance with CFM56-5B S/B 72-0570.</p>
Ref. Publications:	<p>CFM56-5B Engine Shop Manual chapter 05 Temporary Revisions (TR) 05-0184, 05-0185, and 05-0186 applicable to the Engine Shop Manual Revision 52 or subsequent revisions of the Engine Shop Manual following Revision 52 that incorporate these Temporary Revisions.</p> <p>CFM56-5B Service Bulletin S/B 72-0620 revision 2.</p> <p>The use of later approved revisions of the Service Bulletin is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 01 April 2009. 2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any questions concerning the technical content of the requirements in this PAD, please contact: 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 or CFM Inc. Customer Support Center E-mail : geae.csc@ae.ge.com International Phone: +1 513-552-3272 USA Phone: 877-GEAE-CSC