


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0270</p> <p>Date: 17 December 2009</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 :</p> <p>CFM International SA</p>	<p>Type/Model designation(s) :</p> <p>CFM56-5, CFM56-5B and CFM56-7B engines</p>
<p>TCDS Number : EASA.E.067, EASA.E.003 and EASA.E.004</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
ATA 72	Engine - LPT Rotor / Stator Assembly - Replacement
<p>Manufacturer(s): Snecma, GE Aviation</p>	
<p>Applicability:</p>	<p>CFM56-5 and CFM56-5B engines, all models, if equipped with stage 3 Low Pressure Turbine (LPT) disks 336-002-006-0 serial numbers as listed below.</p> <p>These engines are known to be installed on, but not limited to Airbus A318, A319, A320 and A321 series aeroplanes.</p> <p>CFM56-7B engines, all models, if equipped with stage 3 LPT disks 336-002-006-0 serial numbers as listed below.</p> <p>These engines are known to be installed on, but not limited to, Boeing 737 series aeroplanes.</p> <p>Affected disks serial numbers:</p> <p>DE255844, DE256388, DE256622, DE256623, DE256625, DE256627, DE256628, DE256631, DE256637</p>
<p>Reason:</p>	<p>Material non conformity potentially affecting the disk life has been discovered during investigation following periodic cut-up of forgings.</p> <p>This problem only affects a batch of parts that was subject to a quality problem during manufacturing. The manufacturing process has been revised accordingly.</p> <p>To reduce the risk of uncontained engine disk failure, this AD mandates the replacement of the affected Stage 3 LPT Disks.</p>

Effective Date:	31 December 2009
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> 1. Before the affected stage 3 LPT disks 336-002-006-0 accumulate 9 500 cycles since new, replace the disks in accordance with the accomplishment instructions of CFM56-5B S/B 72-0733 or CFM56-7B S/B 72-0743. 2. The stage 3 LPT disks 336-002-006-0 removed from service in accordance with this AD must not be re-installed in any CFM56 engine model.
Ref. Publications:	<p>CFM56-5B S/B 72-0733, Issue 0, dated 26 October 2009 CFM56-7B S/B 72-0743, Issue 0, dated 26 October 2009</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<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 12 November 2009 as PAD 09-131 for consultation until 10 December 2009. 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 questions concerning the technical content of the requirements in this AD, 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 <p>Or</p> <p>CFM Inc. Customer Support Center E-mail : geae.csc@ae.ge.com International Phone: +1 513-552-3272 USA Phone: 877-GEAE-CSC</p>