

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2008-0098 Date: 21 May 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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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 : ROLLS-ROYCE PLC	Type/Model designation(s) : RB211 Trent 500 Series Engines
TCDS Number : EASA E.060	
Foreign AD : Not applicable	
Supersedure : None	
ATA 72	Engine – Low Pressure Turbine (LPT) Stage 3 Discs – Life Reduction
Manufacturer(s):	Rolls-Royce plc
Applicability:	Models RB211 Trent 553-61, 556-61, 556B-61, 560-61, 553A2-61, 556A2-61, 556B2-61 and 560A2-61 engines, all serial numbers. These engines are known to be installed on, but not limited to, Airbus A340-500 and A340-600 series aircraft.
Reason:	Recent analysis of the LP Turbine Discs 1-5 carried out by Rolls-Royce plc concluded that it is necessary to reduce the Declared Safe Cyclic Life (DSCL) of all Trent 500 LPT Stage 3 Discs, Part Number (P/N) FK29581. EASA concurs with this conclusion and therefore this Airworthiness Directive requires replacement of LPT Stage 3 Discs P/N FK29581 at a cyclic life which is lower than the one originally published in the applicable Time Limits Manual.
Effective Date:	04 June 2008
Required action(s) and Compliance Time(s):	Required as indicated, unless previously accomplished: (1) After the effective date of this AD, each LPT Stage 3 Disc P/N FK29581 must be removed from service and replaced with a serviceable disc before accumulating 7 990 Cycles Since New (CSN), in accordance with the instructions of Rolls-Royce RB211 Propulsion System Non Modification Service Bulletin RB211-72-AF781;

	(2) After the effective date of this AD, no person shall install a spare LPT Stage 3 Discs P/N FK29581 on any engine or aircraft, unless it has been verified that the part has not yet accumulated 7 990 CSN.
Ref. Publications:	Rolls-Royce RB211 Propulsion System Non Modification Service Bulletin RB211-72-AF781 dated 02 April 2008. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
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 07 April 2008 as PAD 08-018 for consultation until 05 May 2008. No comments were received during the consultation period. 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: Rolls-Royce plc. PO Box 31, Derby, DE24 8BJ, United Kingdom; telephone +44 (0) 1332 242424; facsimile +44 (0) 1332 249936. Email: tech.help@rolls-royce.com or download the publication from https://www.aeromanager.com