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Examining the AD Docket

You may examine the AD Docket (including any comments and service information), by appointment, between 8 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays. See **ADDRESSES** for the location.

Regulatory Findings

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that the regulation:

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2003-NE-37-AD" in your request.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

- Accordingly, under the authority delegated to me by the Administrator,

the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

- 1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

- 2. The FAA amends § 39.13 by adding the following new airworthiness directive:

2003-22-03 Rolls-Royce plc: Amendment 39-13350. Docket No. 2003-NE-37-AD.

Effective Date

- (a) This airworthiness directive (AD) becomes effective November 14, 2003.

Affected ADs

- (b) None.

Applicability

(c) This AD applies to Rolls-Royce plc (RR) RB211 Trent 768-60 turbofan engines with serial numbers (SNs) before SN 41056 and RB211 Trent 772-60 turbofan engines with SNs before SN 41056. These engines are installed on, but not limited to, Airbus A330 series airplanes.

Unsafe Condition

(d) This AD is prompted by a report of a low pressure (LP) stage 4 blade failure at the blade shank, resulting in severe radial distortion of the rear flange of the LP turbine case and failure of a number of attaching bolts, resulting in enough flange separation to allow the release of high energy debris. We are issuing this AD to prevent possible uncontained LP turbine case failure and damage to the airplane.

Compliance

- (e) You are responsible for having the actions required by this AD performed within 15 months after the effective date of this AD, unless the actions have already been done.

Rework of Affected Components

- (f) Rework the LP turbine nozzle vane case, part numbers (P/Ns) FK19488 and FK22687.

Use Accomplishment Instruction paragraph 3.B. of RR Mandatory Service Bulletin (MSB) No. RB.211-72-C224, Revision 4, dated April 12, 2002.

(g) Rework the LP turbine bearing support exhaust case, P/N FK22791. Use Accomplishment Instruction paragraph 3.C. of RR MSB No. RB.211-72-C224, Revision 4, dated April 12, 2002.

(h) Rework the support arm bracket assembly, P/N FK29121. Use Accomplishment Instruction paragraph 3.D. of RR MSB No. RB.211-72-C224, Revision 4, dated April 12, 2002.

Conditions for Installation

(i) Reworked components identified in paragraphs (f), (g), and (h) of this AD must be installed as a complete set only.

(j) Information on interchangeability of parts can be found in section 1.M. of RR MSB RB.211-72-C224, Revision 4, dated April 12, 2002.

(k) After the effective date of this AD, do not install any modules marked M08821AA, M08821AB, or core engines TRENT121AA, or TRENT122AA into any engine.

Alternative Methods of Compliance

(l) The Manager, Engine Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

Material Incorporated by Reference

(m) You must use the service information specified in Table 1 to perform the actions required by this AD. The Director of the Federal Register approved the incorporation by reference of the documents listed in Table 1 of this AD in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You can get a copy from Rolls-Royce plc, P.O. Box 31, Derby, England, DE248BJ; telephone: 011-44-1332-242424; fax: 011-44-1332-245418. You may review copies at Federal Aviation Administration, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC. Table 1 follows:

TABLE 1.—INCORPORATION BY REFERENCE

Service bulletin No.	Page	Revision	Date
Rolls-Royce plc Mandatory Service Bulletin RB.211-72-C224	1	14	April 12, 2002.
	2-3	3	September 12, 2001.
	4-7	4	April 12, 2002.
	8-9	3	September 12, 2001.
	10-14	4	April 12, 2002.
	15-16	3	September 12, 2001.
	17	4	April 12, 2002.
	18-36	3	September 12, 2001.
Total Pages: 36.			