

altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; facsimile: (816) 329-4090.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with SOCATA Service Bulletin SB 10-114-55, dated September 2000. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You can get copies from SOCATA Groupe Aerospatiale, Customer Support, Aerodrome Tarbes-Ossun-Lourdes, BP 930—F65009 Tarbes Cedex, France; or the Product Support Manager, SOCATA—Groupe Aerospatiale, North Perry Airport, 7501 Pembroke Road, Pembroke Pines, Florida 33023. You can look at copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(i) *When does this amendment become effective?* This amendment becomes effective on January 4, 2002.

Note 2: The subject of this AD is addressed in French AD Number 2001-002(A), dated January 10, 2001.

Issued in Kansas City, Missouri, on November 5, 2001.

Michael Gallagher,

Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 01-28333 Filed 11-16-01; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NE-62-AD; Amendment 39-12499; AD 2001-23-02]

RIN 2120-AA64

Airworthiness Directives; Rolls-Royce plc RB211 Turbopan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), that is applicable to Rolls-Royce plc model RB211-535E4-37, RB211-535E4-B-37, RB211-535C-37, RB211-535E4-B-75 and RB211-22B-02 turbopan engines. This amendment requires inspection of certain high pressure (HP) turbine disks, manufactured between 1989 and 1999, for cracks in the rim cooling air holes, and, if necessary, replacement with serviceable parts. This amendment is prompted by reports of cracks in two high life Trent 800 disk rim cooling air holes produced at the same manufacturing facility using the same tooling as the RB211 turbopan engine HP turbine disks. The actions specified by this AD are intended to prevent possible disk failure, which could result in an uncontained engine failure and damage to the aircraft.

DATES: Effective date December 24, 2001. The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of December 24, 2001.

ADDRESSES: The service information referenced in this AD may be obtained from Rolls-Royce plc, PO Box 31, Derby, England; telephone: International Access Code 011, Country Code 44, 1332-249428, fax: International Access Code 011, Country Code 44, 1332-249223. This information may be examined, by appointment, at the FAA, 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.

FOR FURTHER INFORMATION CONTACT: James Lawrence, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7176, fax (781) 238-7199.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal

Aviation Regulations (14 CFR part 39) to include an AD that is applicable to Rolls-Royce plc model RB211-535E4-37, RB211-535E4-B-37, RB211-535C-37, RB211-535E4-B-75, and RB211-22B-02 turbopan engines was published in the **Federal Register** on July 26, 2001 (66 FR 38961). That action proposed to require inspection of certain high pressure (HP) turbine disks, manufactured between 1989 and 1999, for cracks in the rim cooling air holes, and, if necessary, replacement with serviceable parts, in accordance with Rolls-Royce Mandatory Service Bulletin RB.211-72-C817, Revision 1, dated December 14, 1999 and Rolls-Royce Mandatory Service Bulletin RB.211-72-C817, Revision 2, dated March 7, 2001; and Rolls-Royce Mandatory Service Bulletin RB.211-72-C877, dated January 29, 2000 and Rolls-Royce Mandatory Service Bulletin RB.211-72-C877, Revision 1, dated March 7, 2001.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comment received.

One commenter notes that a typographical error was made in the serial number range for CQDY, which was incorrectly listed as CDQY. The FAA agrees and the error has been corrected.

After careful review of the available data, including the comment noted above, the FAA has determined that air safety and the public interest require the adoption of the rule with the changes described previously. The FAA has determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

Economic Analysis

There are approximately 549 engines of the affected design in the worldwide fleet. The FAA estimates that 300 engines installed on aircraft of U.S. registry would be affected by this AD. The FAA also estimates that it would take approximately 4 work hours per engine to accomplish the proposed actions, and that the average labor rate is \$60 per work hour. No parts are required. Based on these figures, the total cost impact of the AD on U.S. operators is estimated to be \$72,000.

Regulatory Analysis

This final rule does not have federalism implications, as defined in Executive Order 13132, because it would 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. Accordingly, the FAA has not consulted with state authorities prior to publication of this final rule.

For the reasons discussed above, I certify that this action (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) if promulgated, 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. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

Accordingly, pursuant to 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. Section 39.13 is amended by adding a new airworthiness directive to read as follows:

2001-23-02 Rolls-Royce: Amendment 39-12499. Docket No. 2000-NE-62-AD.

Applicability: Rolls-Royce plc model (RR) RB211-535E4-37 and RB211-535E4-B-37 turbofan engines, with the following high pressure (HP) turbine disks installed: part number (P/N) UL10323, with serial numbers (SN's) CQDY6070 and higher; P/N UL27680, with any serial number; and P/N UL27681, with any serial number. RR model B211-535C-37 turbofan engines, with the following HP turbine disks installed: P/N LK80622, with SN LQDY6316 and higher; P/N

LK80623, with SN CQDY5945 and higher; and P/N UL28267, with any serial number. RR model RB211-535E4-B-75 turbofan engines with the following HP turbine disks installed: P/N UL10323, with SN CQDY6070 and higher; and P/N UL27680, with any serial number. RR model RB211-22B-02 turbofan engines with the following HP turbine disks installed: P/N LK80622, with SN LQDY6316 and higher; P/N LK80623, with SN CQDY5945 and higher; and P/N UL28267, having any serial number. These engines are installed on but not limited to Boeing 757, Tupolev Tu204, and Lockheed L-1011 series airplanes.

Note 1: This AD applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (c) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Compliance with this AD is required as indicated, unless already done. To prevent possible high pressure (HP) turbine disk failure, which could result in an uncontained engine failure and damage to the airplane, accomplish the following:

Inspection for All Except Model RB211-22B-02

(a) For model RB211-535E4-37, RB211-535E4-B-37, RB211-535C-37, and RB211-535E4-B-75 engines, conduct a one-time inspection of the HP turbine disks identified in Section A. (1) and (2), of RR SB No. RB.211-72-C817, Revision 2, dated March 7, 2001, for cracks on the rear face of the cooling air holes.

(1) For disk life at or below 13,700 cycles on the effective date of this AD, inspect at the earlier of the following:

(i) At the next shop visit when the HP turbine blades have been removed from the disk; or

(ii) Prior to exceeding 14,500 cycles-in-service (CIS) since new.

(2) For disk life above 13,700 cycles on the effective date of this AD, inspect at the earliest of the following:

(i) Prior to reaching 15,300 CIS since new; or

(ii) Within 800 cycles after the effective date of this AD; or

(iii) At the next shop visit when the HP turbine blades have been removed from the disk.

(3) Inspect the HP turbine disk for cracks on the rear face of the cooling air holes in accordance with the Accomplishment Instructions, Section 3 of RR SB No. RB.211-72-C817, Revision 1, dated January 24, 2000; or RR SB No. RB.211-72-C817, Revision 2, dated March 7, 2001.

(4) Replace any cracked HP turbine disk with a serviceable part.

Inspections for Model RB211-22B-02

(b) For model RB211-22B-02 engines, conduct a one-time inspection of the HP turbine disks identified in Section A. of RR SB No. RB.211-72-C877, Revision 1, dated March 7, 2001, for cracks on the rear face of the cooling air holes.

(1) For disk life at or below 11,000 CIS on the effective date of this AD, inspect at the earlier of the following:

(i) At the next shop visit when the HP turbine blades have been removed from the disk; or

(ii) Prior to exceeding 11,000 CIS since new.

(2) HP turbine disks with more than 11,000 CIS on the effective date of this AD must be inspected within 300 CIS after the effective date of this AD.

(3) Inspect the HP turbine disk for cracks on the rear face of the cooling air holes in accordance with the Accomplishment Instructions outlined in Section 3 of RR SB No. RB.211-72-C877, dated January 29, 2000, or RR SB No. RB.211-72-C877, Revision 1, dated March 7, 2001.

(4) Replace any cracked HP turbine disk with a serviceable part.

Alternative Methods of Compliance

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Engine Certification Office (ECO). Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, ECO.

Note 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the ECO.

Ferry Flights

(d) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

Documents That Have Been Incorporated by Reference

(e) The inspection must be done in accordance with the following Rolls-Royce mandatory service bulletins:

Document No.	Pages	Revision	Date
MSB RB.211-72-C817	1	1	Jan. 24, 2000.
	2-7	Original ..	Dec. 14, 1999.
	8-11	1	Jan. 24, 2000.
	12-21	Original ..	Dec. 14, 1999.

Document No.	Pages	Revision	Date
Total pages: 21			
MSB RB.211-72-C817	All	2	Mar. 7, 2001.
Total pages: 6			
MSB RB.211-72-C877	All	Original ..	Jan. 29, 2000.
Total pages: 17			
MSB RB.211-72-C877	All	1	Mar. 7, 2001.
Total pages: 5			

This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Rolls-Royce plc, PO Box 31, Derby, England; telephone: International Access Code 011, Country Code 44, 1332-249428, fax: International Access Code 011, Country Code 44, 1332-249223. Copies may be inspected, by appointment, at the FAA, 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.

Note 3: The subject of this AD is addressed in Civil Aviation Authority (CAA) Airworthiness Directives 003-12-99 and 004-01-2000.

Effective Date

(f) This amendment becomes effective on December 24, 2001.

Issued in Burlington, Massachusetts, on November 5, 2001.

Mark C. Fulmer,

Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 01-28418 Filed 11-16-01; 8:45 am]

BILLING CODE 4910-13-U

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30279; Amdt. No. 2078]

Standard Instrument Approach Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, addition of new obstacles, or changes in air traffic requirements. These changes are designed to provide safe and efficient

use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: An effective date for each SIAP is specified in the amendatory provisions.

Incorporation by reference approved by the Director of the Federal Register on December 31, 1980, and reapproved as of January 1, 1982.

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows: *For Examination—*

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located; or

3. The Flight Inspection Area Office which originated the SIAP.

*For Purchase—*Individual SIAP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2. The FAA Regional Office of the region in which the affected airport is located.

*By Subscription—*Copies of all SIAPs, mailed once every 2 weeks, are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT:

Donald P. Pate, Flight Procedure Standards Branch (AMCAFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This amendment to part 97 of the Federal Aviation Regulations (14 CFR part 97) establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs). The complete regulatory description of each SIAP is contained in official FAA form

documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and § 97.20 of the Federal Aviation Regulations (FAR). The applicable FAA Forms are identified as FAA Forms 8260-3, 8260-4, and 8260-5. Materials incorporated by reference are available for examination or purchase as stated above.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. The provisions of this amendment state the affected CFR (and FAR) sections, with the types of effective dates of the SIAPs. This amendment also identifies the airport, its location, the procedure identification and the amendment number.

The Rule

This amendment to part 97 is effective upon publication of each separate SIAP as contained in the transmittal. Some SIAP amendments may have been previously issued by the FAA in a National Flight Data Center (NFDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for some SIAP amendments may require making them effective in less than 30 days. For the remaining SIAPs, an effective date at least 30 days after publication is provided.

Further, the SIAPs contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between