

Frequency	Field strength (volts per meter)	
	Peak	Average
6 GHz–8 GHz	1000	200
8 GHz–12 GHz	3000	300
12 GHz–18 GHz	2000	200
18 GHz–40 GHz	600	200

NOTE.—The field strengths are expressed in terms of peak of the root-mean-square (rms) values over the complete modulation period.

The threat levels identified above are the result of an FAA review of existing studies on the subject of HIRF, in light of the ongoing work of the Electromagnetic Effects Harmonization Working Group of the Aviation Rulemaking Advisory Committee.

Applicability

As discussed above, these special conditions are applicable to Gulfstream Aerospace LP Model 1125 Westwind Astra airplanes modified by Garrett Aviation Services. Should Garrett Aviation Services apply at a later date for a supplemental type certificate to modify any other model included on the Type Certificate No. A16NM to incorporate the same or similar novel or unusual design features, these special conditions would apply to that model as well.

Conclusion

This action affects only certain novel or unusual design features on Gulfstream Aerospace LP Model 1125 Westwind Astra airplanes modified by Garrett Aviation Services. It is not a rule of general applicability and affects only the applicant which applied to the FAA for approval of these features on the airplanes.

The substance of these special conditions has been subjected to the notice and comment procedure in several prior instances and has been derived without substantive change from those previously issued. Because a delay would significantly affect the certification of the airplane, which is imminent, the FAA has determined that prior public notice and comment are unnecessary and impracticable, and good cause exists for adopting these special conditions upon issuance. The FAA is requesting comments to allow interested persons to submit views that may not have been submitted in response to the prior opportunities for comment described above.

List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and record keeping requirements.

The authority citation for these special conditions is as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type certification basis for Gulfstream Aerospace LP Model 1125 Westwind Astra airplanes modified by Garrett Aviation Services.

1. *Protection from Unwanted Effects of High-Intensity Radiated Fields (HIRF).* Each electrical and electronic system that performs critical functions must be designed and installed to ensure that the operation and operational capability of these systems to perform critical functions are not adversely affected when the airplane is exposed to high-intensity radiated fields.

2. For the purpose of these special conditions, the following definition applies: *Critical Functions:* Functions whose failure would contribute to or cause a failure condition that would prevent the continued safe flight and landing of the airplane.

Kalene C. Yanamura,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 03–22797 Filed 9–8–03; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2003–NE–29–AD; Amendment 39–13300; AD 2003–18–09]

RIN 2120–AA64

Airworthiness Directives; Rolls-Royce plc Trent 768–60, Trent 772–60, and Trent 772B–60 Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for Rolls-

Royce plc (RR) Trent 768–60, Trent 772–60, and Trent 772B–60 turbofan engines. This AD requires removal from service of certain part numbers of high pressure (HP) compressor rotor shafts, based on a newly established reduced life limit. This AD is prompted by reports of HP compressor drums with small cracks in blade loading slots found at overhaul inspection. The HP compressor drums are an integral part of the HP compressor rotor shaft. We are issuing this AD to prevent possible uncontained HP compressor drum failure, which could result in damage to the airplane.

DATES: Effective September 24, 2003.

We must receive any comments on this AD by November 10, 2003.

ADDRESSES: Use one of the following addresses to submit comments on this AD:

- By mail: The Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003–NE–29–AD, 12 New England Executive Park, Burlington, MA 01803–5299.

- By fax: (781) 238–7055.

- By e-mail: 9-ane-adcomment@faa.gov.

You may examine the AD docket at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA.

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: The Civil Aviation Authority, (CAA), which is the airworthiness authority for the U.K., recently notified the FAA that an unsafe condition may exist on Rolls-Royce plc Trent 768–60, Trent 772–60, and Trent 772B–60 turbofan engines. The CAA advises that it has received overhaul inspection reports of HP compressor drums with small cracks in blade loading slots. The HP compressor drums are an integral part of the HP compressor rotor shaft. The manufacturer is currently analyzing parts from the field, and has not yet

determined the root cause of the cracking or established a full understanding of the crack propagation rate. Through coordination with the CAA, the manufacturer has reduced the declared lives of the affected HP compressor rotor shafts to 4,200 cycles-since-new (CSN). The FAA has confirmed through the CAA that there are no affected in-service parts close to accumulating 4,200 CSN. The manufacturer may introduce a design change to increase the declared lives of HP compressor rotor shafts in the future.

FAA's Determination and Requirements of This AD

Although none of these affected engine models are used on any airplanes registered in the United States, the possibility exists that the engine models could be used on airplanes that are registered in the United States in the future. Since an unsafe condition has been identified that is likely to exist or develop on other Rolls-Royce plc Trent 768-60, Trent 772-60, and Trent 772B-60 turbofan engines of the same type design, we are issuing this AD to prevent possible uncontained HP compressor drum failure, which could result in damage to the airplane. The HP compressor drums are an integral part of the HP compressor rotor shaft. This AD requires removal from service of certain part numbers of HP compressor rotor shafts, based on a newly established reduced life limit of 4,200 CSN.

Bilateral Airworthiness Agreement

This engine model is manufactured in the U.K., and is type certificated for operation in the United States under section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. In keeping with this bilateral airworthiness agreement, the CAA has kept the FAA informed of the situation described above. We have examined the findings of the CAA, reviewed all available information, and determined that we need to issue an AD for products of this type design that are certificated for operation in the United States.

FAA's Determination of the Effective Date

Since there are currently no domestic operators of this engine model, notice and opportunity for public comment before issuing this AD are unnecessary. Therefore, we can adopt this regulation immediately.

Changes to 14 CFR Part 39—Effect on the AD

On July 10, 2002, we issued a new version of 14 CFR part 39 (67 FR 47997, July 22, 2002), which governs our AD system. This regulation now includes material that relates to special flight permits, alternative methods of compliance, and altered products. This material previously was included in each individual AD. Since this material is included in 14 CFR part 39, we will not include it in future AD actions.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an opportunity for public comment; however, we invite you to submit any written relevant data, views, or arguments regarding this AD. Send your comments to an address listed under **ADDRESSES**. Include "AD Docket No. 2003-NE-29-AD" in the subject line of your comments. If you want us to acknowledge receipt of your mailed comments, send us a self-addressed, stamped postcard with the docket number written on it; we will date-stamp your postcard and mail it back to you. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify it. If a person contacts us verbally, and that contact relates to a substantive part of this AD, we will summarize the contact and place the summary in the docket. We will consider all comments received by the closing date and may amend the AD in light of those comments.

We are reviewing the writing style we currently use in regulatory documents. We are interested in your comments on whether the style of this document is clear, and your suggestions to improve the clarity of our communications with you. You may get more information about plain language at <http://www.faa.gov/language> and <http://www.plainlanguage.gov>.

Examining the AD Docket

You may examine the AD Docket (including any comments), between 8:00 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-29-AD" in your request.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, 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:

2003-18-09 Rolls-Royce plc: Amendment 39-13300. Docket No. 2003-NE-29-AD.

Effective Date

- (a) This airworthiness directive (AD) becomes effective September 24, 2003.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to Rolls-Royce plc (RR) Trent 768-60, Trent 772-60, and Trent 772B-60 turbofan engines. These engines are installed on, but not limited to Airbus A330 series airplanes.

Unsafe Condition

- (d) This AD is prompted by reports of high pressure (HP) compressor drums with small cracks in blade loading slots found at overhaul inspection. We are issuing this AD to prevent possible uncontained HP compressor drum failure, which could result in damage to the airplane.

Compliance

- (e) You are responsible for having the actions required by this AD performed within

the compliance cycles specified unless the actions have already been done.

(f) Remove HP compressor rotor shafts, part numbers (P/Ns) FK24031 (pre RR Service Bulletin (SB) RB.211-72-B172), FK22745 (SB RB.211-72-B172), FK23313 (SB RB.211-72-B261 and pre SB RB.211-72-B653), FK25502 (SB RB.211-72-B653), FK26185 (SB RB.211-72-B921), FK32129 (SB RB.211-72-C746), FW20195 (SB RB.211-72-D533), FW20196 (SB RB.211-72-D533), FW20197 (SB RB.211-72-D533), and FW20638 (SB RB.211-72-D533) from service at or before accumulating 4,200 cycles-since-new (CSN).

(g) After the effective date of this AD, do not install any HP compressor rotor shaft, P/Ns FK24031 (pre RR SB RB.211-72-B172), FK22745 (SB RB.211-72-B172), FK23313 (SB RB.211-72-B261 and pre SB RB.211-72-B653), FK25502 (SB RB.211-72-B653), FK26185 (SB RB.211-72-B921), FK32129 (SB RB.211-72-C746), FW20195 (SB RB.211-72-D533), FW20196 (SB RB.211-72-D533), FW20197 (SB RB.211-72-D533), or FW20638 (SB RB.211-72-D533), that exceeds 4,200 CSN.

Alternative Methods of Compliance

(h) 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

(i) None.

Related Information

(j) CAA airworthiness directive 003-12-2001, dated February 26, 2002, and Rolls-Royce plc Mandatory Service Bulletin No. RB.211-72-D586, Revision 1, dated February 26, 2002, also address the subject of this AD.

Issued in Burlington, Massachusetts, on September 3, 2003.

Marc J. Bouthillier,

Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.
[FR Doc. 03-22888 Filed 9-8-03; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002-NM-88-AD; Amendment 39-13189; AD 2003-12-04]

RIN 2120-AA64

Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 and -145 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule; correction.

SUMMARY: This document corrects a typographical error that appeared in airworthiness directive (AD) 2003-12-

04, which was published in the **Federal Register** on June 12, 2003 (68 FR 35157). The typographical error resulted in an incorrect part number for the replacement supports for the engine bleed air duct. This AD is applicable to certain EMBRAER Model EMB-135 and -145 series airplanes. This AD requires replacing the four GAMAH clamp/sleeve joints on an engine bleed air duct with new threaded coupling assemblies; for certain airplanes, this AD also requires replacing the two supports for the engine bleed air duct with two new supports.

DATES: Effective July 17, 2003.

FOR FURTHER INFORMATION CONTACT: Dan Rodina, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-2125; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Airworthiness Directive (AD) 2003-12-04, amendment 39-13189, applicable to certain EMBRAER Model EMB-135 and -145 series airplanes, was published in the **Federal Register** on June 12, 2003 (68 FR 35157). That AD requires replacing the four GAMAH clamp/sleeve joints on an engine bleed air duct with new threaded coupling assemblies; for certain airplanes, that AD also requires replacing the two supports for the engine bleed air duct with two new supports.

As published, paragraph (a)(2) of the AD cites an incorrect part number (145-35923-007) for the replacement supports for the engine bleed air duct. The correct part number is 145-35923-015.

Since no other part of the regulatory information has been changed, the final rule is not being republished in the **Federal Register**.

The effective date of this AD remains July 17, 2003.

§ 39.13 [Corrected]

■ On page 35158, in the second column, paragraph (a)(2) of AD 2003-12-04 is corrected to read as follows:

* * * * *

(2) For airplanes having serial numbers listed in paragraph 3.G. of the Accomplishment Instructions of the service bulletin: Replace the two supports for the engine bleed air duct with two new supports having part number 145-35923-015.

* * * * *

Issued in Renton, Washington, on September 3, 2003.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 03-22889 Filed 9-8-03; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2003-15409; Airspace Docket No. 03-ASO-8]

Amendment of Class D and E Airspace; Montgomery, AL; Correction

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Correcting amendment.

SUMMARY: This document contains a correction to the final rule (FAA-2003-15409; 03-ASO-8), which was published in the **Federal Register** on August 20, 2003, (68 FR 50068), amending Class D, E2, and E5 airspace at Montgomery, AL. This action corrects an error in the legal description for the Class E5 airspace at Montgomery, AL.

EFFECTIVE DATE: Effective 0901 UTC, October 30, 2003.

FOR FURTHER INFORMATION CONTACT:

Walter R. Cochran, Manager, Airspace Branch, Air Traffic Division, Federal Aviation Administration, PO Box 20636, Atlanta, Georgia 30320; telephone (404) 305-5586.

SUPPLEMENTARY INFORMATION:

Background

Federal Register Document 03-21323, Docket No. FAA-2003-15409; Airspace Docket 03-ASO-8, published on August 20, 2003, (68 FR 50068), amends Class D, E2 and E5 airspace at Montgomery, AL. An error was discovered in the legal description, describing the Class E5 airspace area. The airspace description contained incorrect geographic position coordinates for Maxwell AFB. This action corrects the error.

Designations for Class E airspace areas extending upward from 700 feet or more above the surface of the earth are published in Paragraph 6005 of FAA Order 7400.9K, dated August 30, 2002, and effective September 16, 2002, which is incorporated by reference in 14 CFR part 71.1 The Class E designation listed in this document will be published subsequently in the Order.

Need for Correction

As published, the final rule contains an error which incorrectly identifies the