

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 Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106;

telephone: (816) 329-4059; 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?*

(1) Actions required by this AD must be done in accordance with the following:

(i) British Aerospace Jetstream Mandatory Service Bulletin No. 7/5, which applies to the affected Models Model HP.137 Jetstream Mk.1 and Jetstream Series 200 airplanes and incorporates the following pages:

Pages	Revision level	Date
2 and 4	Original Issue	March 31, 1982.
1 and 3	Revision 1	May 23, 1988.

(ii) British Aerospace Mandatory Service Bulletin No. 7/8, which applies

to the affected Models HP.137 Jetstream Mk.1 and Jetstream Series 200 airplanes

and incorporates the following effective pages:

Pages	Revision level	Date
2, 5, 6, 7, and 8	Revision 2	January 6, 1983.
1, 3, and 4	Revision 3	May 23, 1988.

(iii) Jetstream Alert Service Bulletin 32-A-JA 850127, which applies to the affected Jetstream Series 3101 airplanes and incorporates the following effective pages:

Pages	Revision level	Date
5 through 14	Original Issue	April 17, 1985.
1 through 4	Revision 2	November 11, 1994.

(iv) Jetstream Service Bulletin 57-JM 5218, which applies to all of the affected airplanes and incorporates the following effective pages:

Pages	Revision level	Date
11, 12, 17, 18, 19, 21, 22, 23, 24, 27, 28, 29, 30, and 31 ..	Revision 1	September 29, 1987.
20	Revision 3	January 29, 1990.
13 and 14	Revision 4	October 31, 1990.
1 through 10, 15, 16, 25, and 26	Revision 5	July 28, 1997.

(2) The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51.

(3) You can get copies from British Aerospace Regional Aircraft, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland. You can look at copies at 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) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 98-13-03, Amendment 39-10591.

(j) *When does this amendment become effective?* This amendment becomes effective on April 2, 2002.

Issued in Kansas City, Missouri, on February 5, 2002.

Michael Gallagher,
Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 02-3163 Filed 2-13-02; 8:45 am]

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**DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration**

14 CFR Part 39

[Docket No. 2001-NE-20-AD; Amendment 39-12461; AD 2002-02-13]

RIN 2120-AA64

Airworthiness Directives; CFM International, S.A. CFM56-5 Series Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), that is applicable to CFM International, S.A. (CFMI) CFM56-5 series turbofan engines. This amendment requires replacement of the magnetic drain plug on certain part number (P/N) air turbine engine starters manufactured by Honeywell Engines & Systems. This amendment is prompted by three instances of uncontained air turbine engine starter failures, resulting in cowl damage. The actions specified by this AD are intended to prevent uncontained failure of the starter and possible damage to the airplane.

DATES: Effective date March 21, 2002. The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of March 21, 2002.

ADDRESSES: The service information referenced in this AD may be obtained from Honeywell Engines & Systems, Technical Publications Department, 111 South 34th Street, Phoenix, Arizona 85034; telephone (602) 365-5535, fax (602) 365-5577. This information may be examined, by appointment, at the Federal Aviation Administration (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 Rosa, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7152, 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 CMFI CFM56-5 series turbofan engines was published in the **Federal Register** on October 19, 2001 (66 FR 53131). That action proposed to require replacement of the magnetic drain plug on certain P/N air turbine engine starters manufactured by Honeywell Engines & Systems, in accordance with Honeywell Service Bulletin 3505582-80-1706, dated March 8, 2000.

Comments

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

The commenter states that the new drain plug P/N is incorrect, the replaced packing P/N is incorrect, and the new packing P/N is incorrect as called out in paragraph (a) of the NPRM.

The FAA agrees. Paragraph (a) is now corrected to reflect new drain plug P/N 572-8510-9152, replaced packing P/N S9413-555, and new packing P/N S3225-905.

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

The FAA estimates that about 512 engines installed on airplanes of U.S. registry would be affected by this AD. The FAA also estimates that it would take approximately 0.1 work hours per engine to accomplish the actions, and that the average labor rate is \$60 per work hour. Required parts would cost approximately \$787 per engine. Based on these figures, the total cost effect of this AD on U.S. operators is estimated to be \$406,016. CFMI may provide parts at no cost, which would significantly reduce this figure.

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:

2002-02-13 CFM International:

Amendment 39-12461. Docket No. 2001-NE-20-AD.

Applicability: This airworthiness directive (AD) is applicable to CFM International, S.A. CFM56-5 series turbofan engines with Honeywell Engines & Systems air turbine engine starters, part numbers (P/N's) 3505582-2, 3505582-3, 3505582-4, 3505582-12, 3505582-14, 3505582-15, 3505582-22, and 3505582-23 installed. These engines are installed on, but not limited to Airbus Industries A318, A319, A320, A321 and A340 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 within 500 cycles-in-service after the effective date of this AD, unless already done.

To prevent uncontained failure of the starter due to loss of oil and possible damage to the airplane, do the following:

(a) Replace the magnetic drain plug, P/N 572-510-9004, with a new redesigned magnetic drain plug P/N 572-8510-9152; replace the packing P/N S9413-555, with packing P/N S3225-905, and remark the air turbine engine starter in accordance with paragraphs 2.A. through 2.C. of the Accomplishment Instructions of Honeywell Service Bulletin 3505582-80-1706, dated March 8, 2000.

(b) Replenish the air turbine starter.

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 must submit their request 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 airworthiness directive, if any, may be obtained from the ECO.

Special Flight Permits

(d) Special flight permits may be issued in accordance with §§ 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 done.

Documents That Have Been Incorporated by Reference

(e) The inspection must be done in accordance with Honeywell Service Bulletin 3505582-80-1706, dated March 8, 2000. 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 Honeywell Engines & Systems, Technical Publications Department, 111 South 34th Street, Phoenix, Arizona 85034; telephone (602) 365-5535, fax (602) 365-5577. 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.

Effective Date

(f) This amendment becomes effective on March 21, 2002.

Issued in Burlington, Massachusetts, on February 1, 2002.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 02-3161 Filed 2-13-02; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2001-NM-224-AD; Amendment 39-12648; AD 2002-03-07]

RIN 2120-AA64

Airworthiness Directives; BAE Systems (Operations) Limited Model BAe 146 and Avro 146-RJ Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to certain BAE Systems (Operations) Limited Model BAe 146 and Avro 146-RJ series airplanes, that requires a one-time inspection to detect corrosion of the flap structure and machined ribs, corrective actions if necessary, and re-protection of the rib boss bores. This action is necessary to detect and correct corrosion in the flap structure and machined ribs, which could result in reduced structural integrity of the airplane. This action is intended to address the identified unsafe condition.

DATES: Effective March 21, 2002.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of March 21, 2002.

ADDRESSES: The service information referenced in this AD may be obtained from British Aerospace Regional Aircraft American Support, 13850 Mclearen Road, Herndon, Virginia 20171. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

FOR FURTHER INFORMATION CONTACT: Todd Thompson, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1175; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain BAE Systems (Operations) Limited Model BAe 146 and Avro 146-RJ series airplanes was published in the **Federal Register** on October 4, 2001 (66 FR 50586). That action proposed to require a one-time inspection to detect corrosion of the flap structure and machined ribs, corrective actions if necessary, and re-protection of the rib boss bores.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

Explanation of Change to Final Rule

For conditions where corrosion is detected, paragraph (a)(2)(ii) of the proposed AD specifies eventual repetition of the detailed visual inspection in paragraph (a) of the proposed AD (following the accomplishment of corrective actions and re-protection of the boss bores). However, paragraph (a)(2)(ii) of the proposed AD does not make clear that any follow-on actions to the detailed visual inspection must also be accomplished. Therefore, for clarification, we have revised paragraph (a)(2)(ii) of this final rule to require eventual repetition of the detailed visual inspection and accomplishment of applicable follow-on actions. We find that this change does not expand the scope of the proposed AD but merely provides clarification of the requirements of this AD.

Conclusion

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

Cost Impact

The FAA estimates that 60 Model BAe 146 and Avro 146-RJ series airplanes of U.S. registry will be affected by this AD, that it will take approximately 160 work hours per airplane (including access, testing, and close-up) to accomplish the required inspection, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the inspection required by this AD on U.S. operators is estimated to be \$576,000, or \$9,600 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

Regulatory Impact

The regulations adopted herein will not have a substantial direct effect on the States, on the relationship between