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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

**[Docket No. FAA-2011-0436; Directorate Identifier 2011-CE-009-AD;
Amendment 39-16752; AD 2011-15-05]**

RIN 2120-AA64

Airworthiness Directives; Hawker Beechcraft Corporation Models B300 and B300C (C-12W) Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain Hawker Beechcraft Corporation Models B300 and B300C (C-12W) airplanes. This AD was prompted by an error found in the take-off speeds and field lengths published in the FAA-approved airplane flight manual. This AD requires a correction to the published data in the airplane flight manual and the pilot's operating handbook to ensure it corresponds with the published data in the pilot's checklist. This condition, if not corrected, could result in a pilot taking off from shorter runways than required by the airplane if the airplane loses an engine after takeoff decision speed (V1). This could result in the airplane running out of runway before take-off can be accomplished. We are issuing this AD to correct the unsafe condition on these products.

DATES: This AD is effective August 19, 2011.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of August 19, 2011.

ADDRESSES: For service information identified in this AD, contact Hawker Beechcraft Corporation, 9709 East Central, Wichita, Kansas 67201; telephone: (316) 676-5034; fax: (316) 676-6614; Internet: https://www.hawkerbeechcraft.com/service_support/pubs/. You may review copies of the referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal

holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (phone: 800-647-5527) is Document Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Jason Brys, Flight Test Engineer, FAA, Wichita Aircraft Certification Office, 1801 S. Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4100; fax: (316) 946-4107.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. That NPRM published in the Federal Register on April 29, 2011 (76 FR 23921). That NPRM proposed to require inserting an update to the performance charts in the FAA-approved Airplane Flight Manual and the Pilot's Operating Handbook, part number (P/N) 130-590031-245. The required runway distances published in the current manual could be up to 320 feet shorter than what is necessary. Hawker Beechcraft Corporation determined data in the pilot's checklist (P/N 130-590031-273) was correct. This condition, if not corrected, could result in taking off from shorter runways than required by the airplane if the airplane loses an engine after takeoff decision speed (V1). This could result in the airplane running out of runway before take-off can be accomplished.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM or on the determination of the cost to the public.

Conclusion

We reviewed the relevant data and determined that air safety and the public interest require adopting the AD as proposed except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM.

Costs of Compliance

We estimate that this proposed AD affects 46 airplanes of U.S. registry.
We estimate the following costs to comply with this proposed AD:

Estimated Costs

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
AFM page replacement	.5 work-hour X \$85 per hour = \$42.50	Not applicable	\$42.50	\$1,955

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in subtitle VII, part A, subpart III, section 44701: "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

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 this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
- (3) Will not affect intrastate aviation in Alaska, and
- (4) 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.

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 FAA amends 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 (AD):



2011-15-05 Hawker Beechcraft Corporation Models B300 and B300C (C-12W) Airplanes:
Amendment 39-16752; Docket No. FAA-2011-0436; Directorate Identifier 2011-CE-009-AD.

(a) Effective Date

This AD is effective August 19, 2011.

(b) Affected ADs

None.

(c) Applicability

(1) This AD applies to Hawker Beechcraft Corporation Models B300 and B300C (C-12W) airplanes, all serial numbers, that:

(2) Are certificated in any category; and

(3) Are modified per Hawker Beechcraft Drawing 130M000030 or Kit Drawing 130-4014 that incorporate Pilot's Operating Handbook and FAA Approved Flight Manual, part number (P/N) 130-590031-245.

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 91, Charts.

(e) Unsafe Condition

This AD was prompted by an error that was discovered in the take-off speeds and field lengths published in the FAA-approved flight manual. This AD is issued to correct the published data in the airplane flight manual and the pilot's operating handbook and ensure it corresponds with the published data in the pilot's checklist. This condition, if not corrected, could result in taking off from shorter runways than required by the airplane if the airplane loses an engine after takeoff decision speed (V1). This could result in the airplane running out of runway before take-off can be accomplished.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Action

Within 14 days after the effective date of this AD, insert Hawker Beechcraft Corporation Log of Temporary Changes, dated February 2011; and Hawker Beechcraft Corporation Temporary Change to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual, Part Number (P/N) 130-590031-245TC5, dated February 2011; into the airplane's Pilot's Operating Handbook and FAA

Approved Flight Manual, P/N 130-590031-245. The actions required by this paragraph may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with 14 CFR 43.9 (a)(1)-(4) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 121.380, or 135.439.

(h) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita Aircraft Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in the Related Information section of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(i) Related Information

For more information about this AD, contact Jason Brys, Flight Test Engineer, FAA, Wichita ACO, 1801 S. Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4100; fax: (316) 946-4107.

(j) Material Incorporated by Reference

You must use the following service information to do the actions required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference (IBR) under 5 U.S.C. 552(a) and 1 CFR part 51 of the following service information on the date specified:

(1) Hawker Beechcraft Corporation Log of Temporary Changes, dated February 2011, approved for IBR August 19, 2011.

(2) Hawker Beechcraft Corporation Temporary Change to the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual, P/N 130-590031-245TC5, dated February 2011, approved for IBR August 19, 2011.

(3) For service information identified in this AD, contact Hawker Beechcraft Corporation, 9709 East Central, Wichita, Kansas 67201; telephone: (316) 676-5034; fax: (316) 676-6614; Internet: https://www.hawkerbeechcraft.com/service_support/pubs/.

(4) You may review copies of the service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(5) You may also review copies of the service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at an NARA facility, call 202-741-6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Issued in Kansas City, Missouri, on July 7, 2011.
Earl Lawrence,
Manager, Small Airplane Directorate,
Aircraft Certification Service.