DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


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 an engine after takeoff decision speed (V1) that 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) 676–6614; Internet: https://www.hawkerbeechcraft.com/service_support/pubs/. You may review copies of the referenced service information at the FAA, Small Airplane 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 take-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:

<table>
<thead>
<tr>
<th>Action</th>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per unit</th>
<th>Cost on U.S. operators</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFM page replacement</td>
<td>0.5 work-hour × $85 per hour = $42.50.</td>
<td>Not applicable</td>
<td>$42.50</td>
<td>$1,955</td>
</tr>
</tbody>
</table>

### 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):


  **(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 130–12W)

  **(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) 130–590031–245. 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/ certification 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:

(2) Hawker Beechcraft Corporation

(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.hawkerbeecharc.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.

[FR Doc. 2011–17567 Filed 7–14–11; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; B/E Aerospace, Continuous Flow Passenger Oxygen Mask Assembly, Part Numbers 174006–( ), 174080–( ), 174085–( ), 174095–( ), 174097–( ), and 174098–( )

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above, except for those that are currently affected by similar action through any of five ADs applicable to Boeing products. This AD requires an inspection/records check to determine the manufacturer and part number of the oxygen mask assemblies installed, an inspection to determine the manufacturing date and modification status if certain oxygen mask assemblies are installed, and corrective action for certain oxygen mask assemblies. This AD was prompted by a report that several oxygen mask assemblies with broken in-line flow indicators were found following a mask deployment. We are issuing this AD to prevent the in-line flow indicators of the oxygen mask assembly from fracturing and separating, which could inhibit oxygen flow to the masks. This condition could consequently result in occupants developing hypoxia following a depressurization event.

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.

ADRESSES: For service information identified in this AD, contact B/E Aerospace, 10800 Pflumm Road, Lenexa, Kansas 66215; telephone: (913) 338–9800; fax: (913) 469–8419; Internet: http://www.beaerospace.com. 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:
David Fairback, Aerospace Engineer, Wichita Aircraft Certification Office, FAA, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946–4154; fax: (316) 946–4107; e-mail: david.fairback@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion
We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an airworthiness directive (AD) that would apply to the specified products. That NPRM published in the Federal Register on February 23, 2011 (76 FR 9084). That NPRM proposed to require an inspection/records check to determine the manufacturer and part number of the oxygen mask assemblies installed, an inspection to determine the manufacturing date and modification status if certain oxygen mask assemblies are installed, and corrective action for certain oxygen mask assemblies.

Comments
We gave the public the opportunity to participate in developing this AD. The following presents the comments received on the proposal and the FAA’s response to each comment. B/E Aerospace supports the NPRM.

Request To Address Past Production Cut Over Point Airplanes

The Boeing Company (Boeing) stated that a statement should be included in the final rule AD action to address installation of the affected oxygen mask assemblies on Boeing airplanes that are not included in existing Boeing service bulletins because these airplanes are past production cut over point.

Boeing stated that, due to long-time lag between production cut over change and the release of the AD, there is a high likelihood that on Boeing airplanes past production cut over point, but prior to release of this AD due to lack of awareness of the pending AD release, operators could have installed one of the affected oxygen mask assemblies during routine maintenance. The Applicability section of the proposed AD could mislead operators to not take corrective actions on Boeing airplanes even if they had unknowingly installed affected oxygen mask assemblies on airplanes past production cut over prior to release of the AD. This could also apply to installation of affected oxygen mask assemblies on Boeing airplanes through supplemental type certificate (STC) or through field approval.

We agree with the commenter. However, the unsafe condition on Boeing airplanes will be addressed separately from this AD. If additional action is necessary to address Boeing’s concerns, additional rulemaking may be taken specific to Boeing airplanes.

We have not changed the final rule AD action based on this comment.

Request for Applicability Clarification

Boeing stated that there is confusion between the statements in the Differences Between the Proposed AD and the Service Information section and the Applicability section in the proposed AD. The statements are contradictory and could mislead operators. In the proposed AD, it is stated in the Differences Between the Proposed AD and the Service Information section that oxygen mask