

related investigative and corrective actions before further flight.

(h) Software Revision and Placard Removal

For airplanes identified in paragraph (c)(3) of this AD: Within 72 months after the effective date of this AD, revise the software and remove the placard, in accordance with the Accomplishment Instructions of Aviation Partners Boeing Service Bulletin AP737-34-005, dated July 17, 2015.

(i) Credit for Previous Actions

(1) This paragraph provides credit for the actions specified in paragraphs (g)(1) and (g)(2) of this AD for Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 4, dated April 24, 2017, if those actions were performed before the effective date of this AD using the service information specified in paragraph (i)(1)(i), (i)(1)(ii), (i)(1)(iii), or (i)(1)(iv) of this AD.

(i) Aviation Partners Boeing Service Bulletin AP737-27-002, dated March 31, 2015.

(ii) Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 1, dated August 6, 2015.

(iii) Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 2, dated March 1, 2016.

(iv) Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 3, dated July 19, 2016.

(2) This paragraph provides credit for the actions specified in paragraph (g)(2) of this AD for Boeing Alert Service Bulletin 737-27A1306, dated September 10, 2015, as revised by Boeing Alert Service Bulletin 737-27A1306, Revision 1, dated December 14, 2016, if those actions were performed before the effective date of this AD using the service information specified in Boeing Alert Service Bulletin 737-27A1306, dated September 10, 2015.

(j) Exceptions to the Service Information

(1) Where Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 4, dated April 24, 2017, specifies to contact Boeing for appropriate action, and specifies that action as Required for Compliance (RC): Before further flight, repair using a method approved in accordance with the procedures specified in paragraph (k) of this AD.

(2) Although Note 3 of paragraph 3.A., "General," Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 4, dated April 24, 2017, specifies to make an entry into the airplane's records, that action is not required by this AD.

(k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Seattle ACO Branch, 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 certification office, send it to the attention of the person identified in paragraph (l)(1) of this AD. Information may be emailed to: 9-ANM-Seattle-ACO-AMOC-Requests@faa.gov.

(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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by the Boeing Commercial Airplanes Organization Designation Authorization (ODA) that has been authorized by the Manager, Seattle ACO Branch, to make those findings. For a repair method to be approved, the repair, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

(4) Except as required by paragraph (j) of this AD: For service information that contains steps that are labeled as RC, the provisions of paragraphs (k)(4)(i) and (k)(4)(ii) of this AD apply.

(i) The steps labeled as RC, including substeps under an RC step and any figures identified in an RC step, must be done to comply with the AD. An AMOC is required for any deviations to RC steps, including substeps and identified figures.

(ii) Steps not labeled as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the RC steps, including substeps and identified figures, can still be done as specified, and the airplane can be put back in an airworthy condition.

(l) Related Information

(1) For more information about this AD, contact Fnu Winarto, Aerospace Engineer, Systems and Equipment Section, FAA, Seattle ACO Branch, 1601 Lind Avenue SW., Renton, WA 98057-3356; phone: 425-917-6659; fax: 425-917-6590; email: fnu.winarto@faa.gov.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (m)(3), (m)(4), and (m)(5) of this AD.

(m) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Aviation Partners Boeing Service Bulletin AP737-27-002, Revision 4, dated April 24, 2017.

(ii) Aviation Partners Boeing Service Bulletin AP737-34-005, dated July 17, 2015.

(iii) Boeing Alert Service Bulletin 737-27A1306, dated September 10, 2015.

(iv) Boeing Alert Service Bulletin 737-27A1306, Revision 1, dated December 14, 2016.

(3) For Aviation Partners Boeing service information identified in this AD, contact Aviation Partners Boeing, 2811 South 102nd Street, Suite 200, Seattle, WA 98168; phone: 206-830-7699; fax: 206-767-3355; email:

leng@aviationpartners.com; Internet: <http://www.aviationpartnersboeing.com>.

(4) For Boeing service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Contractual & Data Services (C&DS), 2600 Westminister Blvd., MC 110-SK57, Seal Beach, CA 90740-5600; telephone 562-797-1717; Internet <https://www.myboeingfleet.com>.

(5) You may view this service information at the FAA, Transport Standards Branch, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(6) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on August 30, 2017.

Jeffrey E. Duven,

Director, System Oversight Division, Aircraft Certification Service.

[FR Doc. 2017-19039 Filed 9-8-17; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2017-0608; Product Identifier 2017-CE-017-AD; Amendment 39-19020; AD 2017-18-11]

RIN 2120-AA64

Airworthiness Directives; Textron Aviation Inc. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain Textron Aviation Inc. Model 390 airplanes (type certificate previously held by Beechcraft Corporation). This AD was prompted by reports of hydraulic fluid loss from the engine driven pumps (EDPs) on three different airplanes. This AD requires an inspection to determine if an affected EDP is installed with replacement as necessary. We are issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective October 16, 2017.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of October 16, 2017.

ADDRESSES: For service information identified in this final rule, contact

Textron Aviation Inc., Textron Aviation Customer Service, P.O. Box 7706, Wichita, Kansas 67277; telephone: (316) 517-5800; email: premier@txtav.com; Internet: www.txtavsupport.com. For information on the availability of this material at the FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0608.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0608; 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 final rule, 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: Paul C. DeVore, Aerospace Engineer, Wichita ACO Branch, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4142; fax: (316) 946-4107,

email: paul.devore@faa.gov or Wichita-COS@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain Textron Aviation Inc. Model 390 airplanes (type certificate previously held by Beechcraft Corporation). The NPRM published in the **Federal Register** on June 20, 2017 (82 FR 28026). The NPRM was prompted by reports of hydraulic fluid loss from the engine driven pumps (EDPs) on three different Textron Aviation Inc. Model 390 airplanes. In one incident, the airplane exited the runway at a high speed, resulting in extensive damage to the airplane. One manufacturing lot of EDPs has excessive pitting in the aluminum port caps that could cause multiple-origin fatigue cracking of the port caps. Flammable hydraulic fluid could leak into the engine compartment, and the leaking could also cause loss of all normal hydraulic functions, including normal anti-skid braking, ground spoilers, speedbrakes, and normal landing gear extension. The NPRM proposed to require an inspection to determine if an affected EDP is installed with replacement as necessary. We are issuing this AD to correct the unsafe condition on these products.

Comments

We gave the public the opportunity to participate in developing this final rule.

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 this final rule 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.

Related Service Information Under 1 CFR Part 51

We reviewed Parker Service Bulletin 66179-29-486, dated August 4, 2016, which identifies the affected serial number EDPs. We also reviewed Beechcraft Mandatory Service Bulletin SB 29-4161, dated November 18, 2016, which describes procedures for determining if an affected serial number EDP is installed and procedures for replacing the EDP if necessary. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

Costs of Compliance

We estimate that this AD affects 179 airplanes of U.S. registry.

We estimate the following costs to comply with this AD:

ESTIMATED COSTS

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Inspection to determine if affected serial number EDP is installed.	.5 work-hour × \$85 per hour = \$42.50	Not applicable	\$42.50	\$7,607.50

We estimate the following costs to do any necessary replacement that would be required based on the results of the inspection. We estimate the affected

manufacturer lot of EDPs as 28 EDPs. If an airplane has two of the affected EDPs installed, both EDPs must be replaced. However, no more than a total of 28

EDPs will require replacing for the U.S. fleet:

ON-CONDITION COSTS

Action	Labor cost	Parts cost	Cost per product
Replacement of the EDP	3 work-hours × \$85 per hour = \$255	\$17,388	\$17,643

According to the manufacturer, some of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. We do not control warranty coverage for

affected individuals. As a result, we have included all costs in our cost estimate.

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.

This AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to small airplanes and domestic business jet transport airplanes to the Director of the Policy and Innovation Division.

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):

2017–18–11 Textron Aviation Inc.:
Amendment 39–19020; Docket No. FAA–2017–0608; Product Identifier 2017–C E–017–AD.

(a) Effective Date

This AD is effective October 16, 2017.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Textron Aviation Inc. (type certificate previously held by Beechcraft Corporation) Model 390 airplanes; serial numbers RB–4 through RB–295; certificated in any category.

(d) Subject

Joint Aircraft System Component (JASC)/ Air Transport Association (ATA) of America Code 29, Hydraulic Power.

(e) Unsafe Condition

This AD was prompted by reports of hydraulic fluid loss from the engine driven pumps (EDPs) on three different airplanes. We are issuing this AD to prevent cracking of the EDP that could cause leakage of hydraulic fluid and possibly lead to loss of normal hydraulic functions, which could lead to a high-speed runway overrun and/or an in-flight fire.

(f) Compliance

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

(g) Inspection

Within 100 hours time-in service (TIS) after October 16, 2017 (the effective date of this AD), inspect the airplane to determine if any affected serial number EDP, part number (P/N) 66179–01 (Beechcraft/Textron P/N 390–389022–0003), is installed on the airplane following the Accomplishment Instructions in Beechcraft Mandatory Service Bulletin SB 29–4161, dated November 18, 2016. Use table 1 in Parker Service Bulletin 66179–29–486, dated August 4, 2016, to identify the affected serial numbers of EDP, P/N 66179–01 (Beechcraft/Textron P/N 390–389022–0003).

(h) Replacement

If any affected serial number EDP was found during the inspection required in paragraph (g) of this AD, within 100 hours TIS after October 16, 2017 (the effective date of this AD), replace any affected serial number EDP, P/N 66179–01 (Beechcraft/Textron P/N 390–389022–0003), with a serviceable serial number EDP, P/N 66179–01

(Beechcraft/Textron P/N 390–389022–0003) that is either not listed in table 1 of Parker Service Bulletin 66179–29–486, dated August 4, 2016, or has been reworked following Parker Service Bulletin 66179–29–486, dated August 4, 2016. Use the Accomplishment Instructions in Beechcraft Mandatory Service Bulletin SB 29–4161, dated November 18, 2016, to do the replacement actions.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita ACO Branch, 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 Branch, send it to the attention of the person identified in paragraph (j) 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.

(j) Related Information

For more information about this AD, contact Paul C. DeVore, Aerospace Engineer, Wichita ACO Branch, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946–4142; fax: (316) 946–4107; email: paul.devore@faa.gov or Wichita-COS@faa.gov.

(k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Beechcraft Mandatory Service Bulletin SB 29–4161, dated November 18, 2016.

(ii) Parker Service Bulletin 66179–29–486, dated August 4, 2016.

(3) For service information identified in this AD, contact Textron Aviation Inc., Textron Aviation Customer Service, P.O. Box 7706, Wichita, Kansas 67277; telephone: (316) 517–5800; email: premier@txtav.com; Internet: www.txtavsupport.com; Internet: www.txtav.com.

(4) You may view this service information at FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329–4148.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Kansas City, Missouri, on August 29, 2017.

Melvin Johnson,

Deputy Director, Policy and Innovation Division, Aircraft Certification Service.

[FR Doc. 2017-18908 Filed 9-8-17; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2017-0439; Product Identifier 2017-CE-010-AD; Amendment 39-19021; AD 2017-18-12]

RIN 2120-AA64

Airworthiness Directives; B/E Aerospace Protective Breathing Equipment Part Number 119003-11 and Part Number 119003-21

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are superseding Airworthiness Directive (AD) 2016-11-20 for certain B/E Aerospace protective breathing equipment (PBE) that is installed on airplanes. AD 2016-11-20 required replacing part number (P/N) 119003-11 PBE units. Since we issued AD 2016-11-20, we received a report that PBE units, P/N 119003-21, within a certain serial number range are made with candle tube material determined to have a low yield strength and may be volatile upon use or disposal. This AD retains the actions required in AD 2016-11-20 and requires inspecting and replacing P/N 119003-11 and 119003-21 PBE units. We are issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective October 16, 2017.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of October 16, 2017.

The Director of the Federal Register approved the incorporation by reference of certain other publication listed in this AD as of July 15, 2016 (81 FR 37492, June 10, 2016).

ADDRESSES: For service information identified in this final rule, contact B/E Aerospace, Inc., Commercial Aircraft Products Group, 10800 Pflumm Road, Lenexa, Kansas 66215; phone: (913) 338-9800; fax: (913) 338-8419; Internet: www.beaerospace.com. You may view this service information at the FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 64106.

For information on the availability of this material at the FAA, call (816) 329-4148. It is also available on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0439.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0439; 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 final rule, 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 Enns, Aerospace Engineer, Wichita ACO Branch, FAA, 1801 S. Airport Road, Room 100, Wichita, Kansas 67209; phone: (316) 946-4147; fax: (316) 946-4107; email: david.enns@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to supersede AD 2016-11-20, Amendment 39-18547 (81 FR 37492, June 10, 2016), (“AD 2016-11-20”), for B/E Aerospace protective breathing equipment (PBE), part number (P/N) 119003-11, that is installed on airplanes. The NPRM published in the **Federal Register** on May 26, 2017 (82 FR 24260). The NPRM was prompted by a report that PBE units, P/N 119003-21, within a certain serial number range are made with candle tube material determined to have a low yield strength and may be volatile upon use or disposal. The NPRM proposed to retain the actions required in AD 2016-11-20 and would require inspecting and replacing P/N 119003-11 and 119003-21 PBE units. We are issuing this AD to correct the unsafe condition on these products.

Comments

We gave the public the opportunity to participate in developing this AD. The following presents the comments received on the NPRM and the FAA’s response to each comment.

Request To Include Additional Compliance Method for Paragraph (i) of This AD

David White, of NetJets Aviation, requested that the action required in paragraph (i) of this AD for determining the serial number of the installed PBE, P/N 119003-21, also include a maintenance records review.

The commenter stated that if the maintenance records are available and the determination can positively be made, this review will save the owners/operators time and money.

We agree with the commenter and have changed this AD based on this comment.

Request for Clarification of Compliance Time for Paragraph (j) of This AD

David White, of NetJets Aviation, requested that the compliance time in paragraph (j) of this AD be clarified.

The commenter stated that paragraph (j) of this AD requires replacement of an affected mask before further flight or following existing minimum equipment list (MEL) procedures, but it does not identify if compliance is required at the earlier or the later of the two thresholds.

We do not agree with commenter. The MEL is a document and method airplane operators use to obtain relief from Federal Aviation Regulations that requires all equipment installed on the airplane be operative at the time of flight. It is airplane-specific and spells out which pieces of equipment may be inoperable along with any procedures that are required for an airplane to operate under specific conditions while maintaining airworthiness. The reference to MEL is a reminder that, depending on the airplane and its MEL, it may be acceptable to remove the affected units and continue to operate with a reduced number of PBEs as stated in the specific MEL. The affected units must be removed upon discovery.

We have changed this AD based on this comment to make this more clear.

Request To Change the Compliance Time in Paragraph (j) of This AD

David White, of NetJets Aviation, requested we change the replacement compliance time in paragraph (j) of this AD to match the compliance time in paragraph (i) of this AD, which would allow six months to replace the affected PBE after it is identified by inspection or maintenance records review.

The commenter stated that if the request to allow a records review for paragraph (i) of this AD is accepted, then the maintenance records review could be accomplished without access to the airplane and could result in