

2020-25-01 Textron Aviation, Inc., (Type Certificate Previously Held by Beechcraft Corporation):
Amendment 39-21343; Docket No. FAA-2020-0718; Project Identifier 2019-CE-045-AD.

(a) Effective Date

This airworthiness directive (AD) is effective January 11, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the Textron Aviation Inc., (Textron) (type certificate previously held by Beechcraft Corporation) airplanes, certificated in any category, identified in table 1 to paragraph (c) of this AD:

Models	Serial Numbers (S/Ns)
F90	L:A-2 through LA-225
65-90, 65-A90, B90, C90	All S/Ns
H90 (T-44A)	LL-1 through LL-61
E90	LW-1 through LW-347
65-A90-1 (JU-21A, U-21A, RU-21A, RU-21D, U-21G, RU-21H)	LM-1 through LM-144
65-A90-2 (RU-21B)	LS-1, LS-2, LS-3
65-A90-3 (RU-21C)	LT-1 and LT-2
65-A90-4 (RU-21E, RU-21H)	LU-1 through LU-16
99, 99A, 99A (FACH), A99, A99A, B99, C99	U-1 through U-239
100, A100 (U-21F)	B-1 through B-247
B100	BE-1 through BE-137

Table 1 to paragraph (c)

(d) Subject

Joint Aircraft System Component (JASC): 5700, Wings.

(e) Unsafe Condition

This AD was prompted by information provided by Textron that a washer assembly may provide premature torque indication that could lead to cracking of the wing fitting. The FAA is issuing this AD to prevent such fatigue cracks. The unsafe condition, if not addressed, could result in failure of the forward lower wing fitting, which could lead to wing separation and loss of airplane control.

(f) Compliance

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

(g) Action

(1) Within the next 200 flight hours after the effective date of this AD or within 12 months after the effective date of this AD, whichever occurs later, inspect each washer assembly attached to the left and right lower forward wing bolts and remove all part number 90-380058-1 washers in accordance with the Accomplishment Instructions, paragraphs 3 through 5, of Beechcraft Mandatory Service Letter MTL-57-01, Revision 1, dated September 19, 2018 (MTL-57-01, Revision 1). In all locations where a washer part number 90-380058-1 was removed, do the following:

(i) Inspect the bolt, nut, and fitting in accordance with the Accomplishment Instructions, paragraph 6, of MTL-57-01, Revision 1. If there is a crack in the fitting, replace the fitting before further flight.

(ii) Install a part number 90-380019-1 washer in accordance with the Accomplishment Instructions, paragraph 7, of MTL-57-01, Revision 1.

(2) As of the effective date of this AD, do not install washer part number 90-380058-1 on any airplane listed in table 1 to paragraph (c) of this AD.

(h) 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. Send information to ATTN: Brian C. Adamson, Aviation Safety Engineer, Wichita ACO Branch, AIR-7K3, FAA, 1801 Airport Rd., Wichita, KS 67209; phone: 316-946-4193; fax: 316-946-4107; email: brian.adamson@faa.gov or Wichita-COS@faa.gov.

(2) Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(i) Related Information

For more information about this AD, contact Brian C. Adamson, Aviation Safety Engineer, Wichita ACO Branch, AIR-7K3, FAA, 1801 Airport Rd., Wichita, KS 67209; phone: 316-946-4193; fax: 316-946-4107; email: brian.adamson@faa.gov or Wichita-COS@faa.gov.

(j) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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 Letter MTL-57-01, Revision 1, dated September 19, 2018.

(ii) [Reserved]

(3) For Beechcraft service information identified in this AD, contact Textron Aviation Inc., P.O. Box 7706, Wichita, KS 67277; phone: 316-517-5800; internet: <https://txtav.com/>.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 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, email: fedreg.legal@nara.gov or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.