

## TITLE

WINGS - INSPECT THE AFT UPPER AND LOWER WING BOLTS FOR CORRECT WASHER AND REPLACE IF NEEDED

## EFFECTIVITY

| MODEL  | SERIAL NUMBERS       |
|--|----------------------|
| King Air 90 (applicable variants within defined LJ serial range) | LJ-2055 thru LJ-2129 |
| Super King Air 200/B200  | BB-2019 thru BB-2021 |
| Super King Air 200C/B200C  | BL-171               |
| Super King Air B200GT  | BY-152 thru BY-261   |
| Super King Air B200CGT   | BZ-1                 |
| Super King Air B300  | FL-817 thru FL-1065  |
| Super King Air B300C   | FM-53 thru FM-66     |

## REASON

To inspect the aft upper and lower wing bolts for incorrectly installed 95-110025-3 Washer, and if installed replace with a new 95-110025-7 Washer.

## DESCRIPTION

This service document provides parts and instructions to remove the 95-110025-3 Washer installed on the aft upper and lower wing bolt and replace with a new 95-110025-7 Washer.

## COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection, not to exceed 200 flight hours.

A service document published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service document only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

March 5, 2020

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Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

**APPROVAL**

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

**FLIGHT CREW OPERATIONS**

None.

**CONSUMABLE MATERIAL**

No specialized consumable materials are required to complete this service document.

**TOOLING**

No specialized tooling is required to complete this service document.

**WEIGHT AND BALANCE INFORMATION**

Negligible

**REFERENCES**

King Air Structural Inspection and Repair Manual.

**PUBLICATIONS AFFECTED**

Applicable King Air Illustrated Parts Catalog.

**ACCOMPLISHMENT INSTRUCTIONS**

1. Prepare the airplane for maintenance.
  - A. Make sure that the airplane is electrically grounded.
  - B. Make sure that all switches are in the OFF/NORM position.
  - C. Disconnect electrical power from the airplane.
    - (1) Disconnect external electrical power.
    - (2) Disconnect the airplane battery.
  - D. Attach maintenance warning tags to the battery and external power receptacle that have "DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS" written on them.
2. (Refer to Figure 1, Sheet 1.) Examine the aft upper and lower wing bolts for the correct wing bolt washer as follows.

**CAUTION:** These inspections should be completed one attach-point at a time with the bolt installed and correctly torqued before moving to the next location. During removal of the aft upper and lower wing bolts, make sure the wing is supported in a manner which will prevent the possibility of movement of the upper-attach fittings.

- A. Remove the left upper and lower aft spar bolts.
- B. Determine if a 95-110025-7 Washer is installed at the shown position on 81786-10-20 bolt.
  - (1) If a 95-110025-7 Washer is installed, no further action is required. Go to Step 3.
  - (2) If a 95-110025-7 Washer is not installed, go to Step 2.C.
- C. Remove the 81786-10-20 Bolt and remove the 95-110025-3 Washer from the bolt.

- D. Do the crack inspection of the wing structure (Flat surfaces, depressions and counterbores of the upper forward, upper and lower aft wing attach fittings). (Refer to King Air Series Structural Inspection and Repair Manual, Chapter 57, Crack Inspection - Wing Structure (LJ-1085, LJ-1088 and After (Table 201, Figure 201), Inspection - Wing Structure (BB-1158, BB1167, BB-1193 and After, BL-73 and After, BN-5 and After, BY-1 thru BY-121, BY-123 (Table 201, Figure 212, 213 and 214), and Crack Inspection - Wing Attach Fittings and Outboard Wing Spar Caps (Model B300.B300C) (Table 201, Figure 211, 212 and 213).
- E. Install a new 95-110025-7 Washer on the 81786-10-20 Bolt. (Refer to King Air Structural Inspection and Repair Manual, Chapter 57.)
3. Install the left upper and lower aft spar bolts.
4. Remove the maintenance warning tags and connect the airplane battery.
5. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

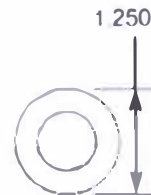
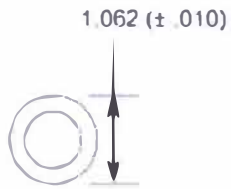
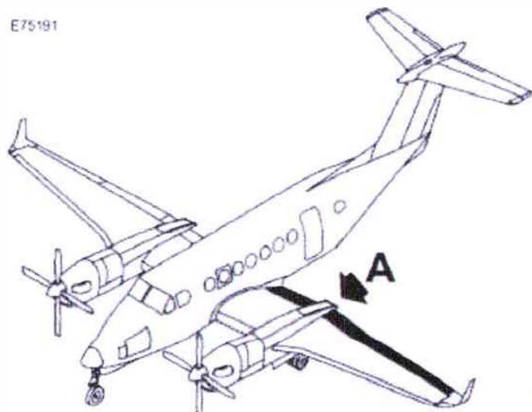
**NOTE:** Textron Aviation recommends that compliance with all service documents is reported to a maintenance tracking system provider.

- \* Complete a record of compliance. (Maintenance Transaction Report, Log Book Entry, or other record of compliance.)
- \* Put a copy of the completed record of compliance in the airplane logbook.
- \* Send a copy of the completed record of compliance to the maintenance tracking system provider used.

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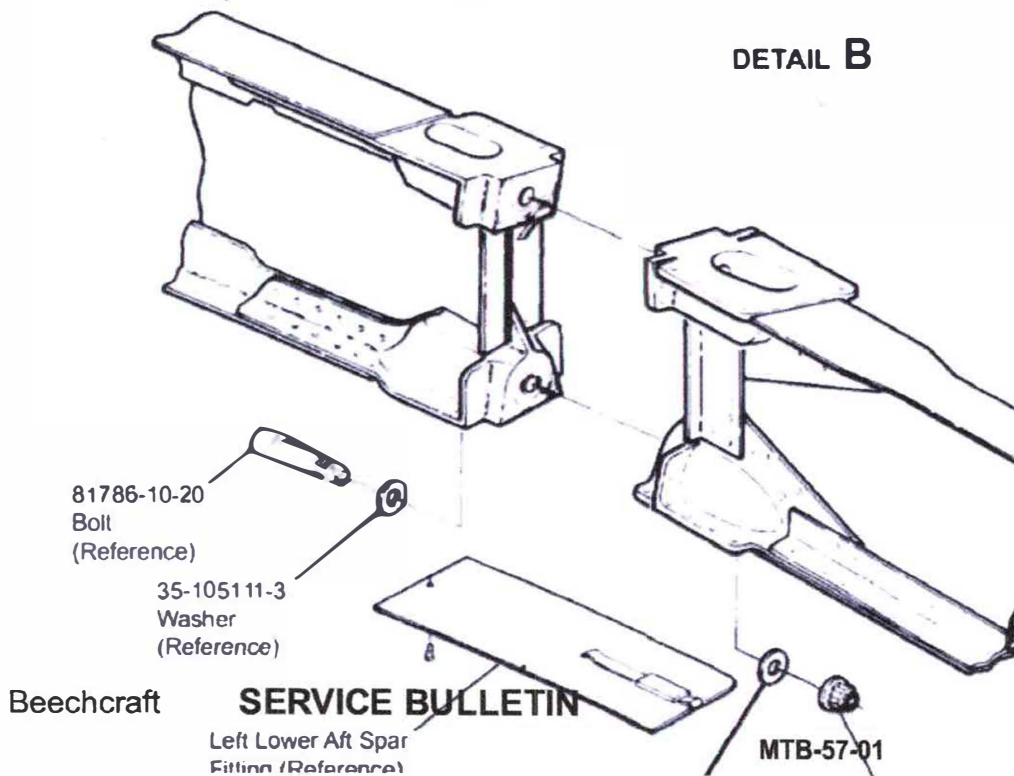
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Install:  
95-110025-7 (4PLCS)

Remove:  
95-110025-3 Was

**DETAIL B**



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**MATERIAL INFORMATION**

Order the part below to install this modification.

| NEW P/N     | QUAN-<br>TITY | KEY WORD | OLD P/N | IN<br>D |
|-------------|---------------|----------|---------|---------|
| 95-110025-7 | 4             | Washer   |         |         |

\* Please contact Textron Aviation Parts Distribution for current cost and availability of part service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International parts@txtav.com).

Based on availability and lead times, parts may require advanced scheduling.

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**TITLE**

WINGS - CHECK FOR CORRECT WING BOLT WASHER AND REPLACE IF NEEDED

**TO:**

King Air 90 Series Aircraft Owner

King Air 200 Series Aircraft Owner

King Air 300 Series Aircraft Owner

**REASON**

To inspect the aft upper and lower wing bolts for incorrectly installed 95-110025-3 Washers. Replace with a new 95-110025-7 Washer.

**COMPLIANCE**

RECOMMENDED. This service document should be accomplished at a scheduled maintenance inspection, not to exceed 200 flight hours.

**LABOR HOURS**

| WORK PHASE   | LABOR-HOUR |
|--------------|------------|
| Modification | 15.0       |
| Inspection   | 1.0        |

**MATERIAL AVAILABILITY**

| PART NUMBER | AVAILABILITY |
|-------------|--------------|
| 95-110025-7 | *            |

\* Please contact Textron Aviation Parts Distribution for current cost and availability of service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International). Email to: [parts@txtav.com](mailto:parts@txtav.com).

Based on availability and lead times, parts may require advanced scheduling.

**Eligibility:** Airplanes identified within the serial number effectivity of this service document active Airframe warranty coverage on the original issue date of this document coverage must be active on the day the work is accomplished.

**Parts Coverage:** Textron Aviation-owned and Textron Aviation-authorized Service Facilities other maintenance facilities may submit a claim for the parts required to a service document as defined in the *Material Availability* section of this document.

**Labor Coverage:** Textron Aviation-owned and Textron Aviation-authorized Service Facilities maintenance on the specific model of Beechcraft Aircraft may submit a claim necessary to accomplish this service document as defined in the *Labor* section of this document.

**Credit Application:** After this service document has been accomplished, a claim must be submitted within 30 days of the service document completion. Claims for credit on a service document are to be filed as a W4 type claim.

Please submit your claim form online at [ww2.txtav.com/Parts](http://ww2.txtav.com/Parts) or email the Textron Aviation Claim Form to [warranty@txtav.com](mailto:warranty@txtav.com). If submitted on-line Authorization will be provided. If a paper claim is submitted your claim will be processed and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Availability*), to the point of purchase.

Parts to be returned to Textron Aviation Parts Distribution should be forwarded to:

Textron Aviation Parts Distribution  
Warranty Administration  
285 South Greenwich Road  
Bldg B89, Docks 1-4  
Wichita, KS 67206  
USA

**Expiration:** March 31, 2021

Textron Aviation reserves the right to void continued airplane warranty coverage for the part covered by this service document until the service document is accomplished.

**NOTE:** As a convenience, service documents are now available online to all our customer through a simple, free-of-charge registration process. If you would like to sign up, please visit the registration page at [www.txtavsupport.com](http://www.txtavsupport.com) to register.

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