

## REVISION TRANSMITTAL

This sheet transmits Revision 1 to SB 23-4175, which:

- A. Adds a Note to the *Effectivity* section to clarify which aircraft this kit is compatible with.
- B. Updates the aircraft serial number effectivity for kits 434-3018-0003 and 434-3018-0009.

**NOTE:** This revision replaces the original issue of SB 23-4175 in its entirety.

### REVISION COMPLIANCE

NO EFFECT. Airplanes previously modified by this service bulletin are not affected by this revision.

### LOG OF REVISIONS

Original Issue	July 14, 2017
Revision 1	January 17, 2019



**TITLE**

COMMUNICATIONS - AUDIO STORAGE AND PLAYBACK UNIT (ASPU) CONFIGURATION CHANGE

**EFFECTIVITY**

MODEL	SERIAL NUMBERS
Super King Air Model B300	FL-954, FL-967 thru FL-1096
Super King Air Model B300C	FM-58 thru FM-71
Super King Air Model B200GT	BY-229 thru BY-293
Super King Air Model B200CGT	BZ-1
King Air C90GTi	LJ-2122 thru LJ-2136

The equivalent of this service document has been incorporated on production airplanes FL-1097 and On, FM72 and On, BY-294 and On, BZ-2 and On, and LJ-2137 and On.

**NOTE:** Do not install the 434-3018-0003 kit if any aircraft has a 434-3014, 434-3017, or 434-3019 Fusion Phase 2 Upgrade Kit installed on the aircraft. The Fusion Phase 2 upgrade kit installs the most recent production ASPU software, thus eliminating the need for the 434-3018 ASPU kit.

**NOTE:** Textron Aviation-owned or Textron Aviation-authorized Service Centers are the only facilities that can complete this service document.

**REASON**

The aural warning system may give a false failure call-out during startup.

**DESCRIPTION**

This service document provides parts and instructions to install Recommended Field Service Kit 434-3018-0001, 434-3018-0003, or 434-3018-0009. This kit should be installed to prevent the aural warning system from annunciating a test failure when a failure does not exist on a Mod 3A ASPU. This kit eliminates the aural warning system test false failure that may occur during startup.

**COMPLIANCE**

**RECOMMENDED.** This service document should be accomplished at a scheduled maintenance period or inspection.

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.

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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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- 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.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service document or flight manual supplement without prior written consent from Textron Aviation.

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

No Changes

## WEIGHT AND BALANCE INFORMATION

Negligible

## REFERENCES

Textron Aviation Field Service Kit 434-3018

Beechcraft Super King Air Model B300/B300C Fusion Maintenance Manual (434-590169-0009)

Beechcraft Super King Air 350 and 350C (Model B300 and B300C) Maintenance Manual (130-590031-11)

Beechcraft Super King Air Model B200GT/B200CGT Fusion Maintenance Manual (434-590168-0009)

Beechcraft Super King Air 200 Series Maintenance Manual (101-590010-19)

Beechcraft King Air C90CTi Fusion Maintenance Manual (434-590171-0009)

Beechcraft King Air 90 Series Maintenance Manual (90-590012-13)

## PUBLICATIONS AFFECTED

None

## 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.
2. Complete all instructions on Field Service Kit 434-3018 for the applicable aircraft serial number.

**NOTE:** Registered users can now download the Cobham ASPU CS software and manuals directly from the [www.txtavsupport.com](http://www.txtavsupport.com) website. This data is located in the Maintenance Information window under the Maintenance Software link.

3. 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 Camp Systems International.

- 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: Camp Systems International Incorporated, 8201 East 34th Street North, Building 1100 Suite 1101 Wichita, KS 67226.

**MATERIAL INFORMATION**

The aircraft listed here must order the kit below to install this modification.

- B300 - FL-1077, FL-1080 through FL-1096
- B300C - FM-71
- B200GT - BY-285 through BY-293

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
434-3018-0001	1	Field Service Kit - ASPU Configuration on B200/CGT, B300/C, C90GTi	N/A	Accomplish the entirety of Field Service Kit 434-3018-0001

The aircraft listed here must order the kit below to install this modification.

- B300 - FL-954, FL-1010, FL-1031 through FL-1076, FL-1078, FL-1079
- B300C - FM-66 through FM-70
- B200GT -BY-207, BY-239. BY-250 through BY-284
- B200CGT - BZ-1
- C90GTi - LJ-2129 through LJ-2136

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
434-3018-0003	1	Field Service Kit - ASPU Configuration on B200/CGT, B300/C, C90GT	N/A	Accomplish the entirety of Field Service Kit 434-3018-0003

The aircraft listed here must order the kit below to install this modification only if installing a Mod 3A ASPU as a spare.

- B300 - FL-967 through FL-1009, FL-1011 through FL-1030
- B300C - FM-58 through FM-65
- B200GT - BY-229 through BY-238, BY-240 through BY-249
- C90GTi - LJ-2122 through LJ-2128

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
434-3018-0009	1	Field Service Kit - ASPU Configuration on B200/CGT, B300/C, C90GT	N/A	Accomplish the entirety of Field Service Kit 434-3018-0009

\* Please contact a Textron Aviation owned or Textron Aviation authorized Service Center for current cost and availability of parts listed in this service document.

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

**TITLE**

COMMUNICATIONS - AUDIO STORAGE AND PLAYBACK UNIT (ASPU) CONFIGURATION CHANGE

**TO:**

Beechcraft Super King Air Owner

**REASON**

The aural warning system may give a false failure call-out during startup.

**COMPLIANCE**

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

**LABOR HOURS**

WORK PHASE	LABOR-HOURS
Modification	2.0

**MATERIAL AVAILABILITY**

Order the kit applicable to aircraft serial number as listed on the Service Bulletin.

PART NUMBER	AVAILABILITY	COST
434-3018-0001	*	*
434-3018-0003	*	*
434-3018-0009	*	*

\* Please contact a Textron Aviation owned or Textron Aviation authorized Service Center for current cost and availability of parts listed in this service document.

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

**WARRANTY**

This service document is *recommended*. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

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

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

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

**Credit Application:** After this service document has been accomplished, a claim must be submitted to Textron Aviation within 30 days of the service document completion. Claims for compliance of this 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 completed Textron Aviation Claim Form to [warranty@txtav.com](mailto:warranty@txtav.com). If submitted on-line a Return Authorization will be provided. If a paper claim is submitted your claim will be entered into the system and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Material 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:** August 14, 2018 (after this date the owner/operator assumes the responsibility for compliance costs)

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

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