

**MANDATORY****MTL-52-02****TITLE**

DOORS - CABIN ENTRY DOOR HOOK REPLACEMENT

**EFFECTIVITY****MODEL**

C90GTi

B200

B300

**SERIAL NUMBERS**

LJ-2163 thru LJ-2179

BY-352 thru BY412, BY-414, BY-415

FL-1183 thru FL-1281, FL-1283

**SPARES**

Also affected are customer's who have purchased and/or installed the Kit 101-4085-1.

**REASON**

The cabin entry door hooks may have been improperly CAD plated or improperly manufactured.

**DESCRIPTION**

This service document provides parts and instructions to inspect the existing cabin entry door hooks and replace the two cabin entry door hooks as necessary.

**COMPLIANCE**

MANDATORY. This service document must be accomplished at the next 200-hour or 12-month 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.
- 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.

**FLIGHT CREW OPERATIONS**

No Changes

January 12, 2023

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**MANDATORY****MTL-52-02****CONSUMABLE MATERIAL**

You must use the consumable materials that follow, or their equivalent, to complete this service document.

NAME	NUMBER	MANUFACTURER	USE
Adhesive	U074040 (Loctite 222MS)	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	Thread sealant for the door hooks.

**TOOLING**

No specialized tooling is required to complete this service document.

**REFERENCES**

Beechcraft King Air Model C90GTi Fusion Maintenance Manual

Beechcraft Super King Air B200GT/B200CGT Fusion Maintenance Manual

Beechcraft Super King Air B300/B300C Fusion Maintenance Manual

**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.
  - C. Disconnect electrical power from the airplane.
    - (1) Disconnect external electrical power.
    - (2) Disconnect the airplane battery.

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- 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.

**NOTE:** Use the references that follow for the adjustment/test procedures of the cabin entry door hooks.

**Model C90GTi**

- King Air Model C90GTi Fusion Maintenance Manual, Chapter 52, Cabin Entrance Door - Adjustment Test.
- King Air Model C90GTi Fusion Maintenance Manual, Chapter 21, Cabin Pressurization - Adjustment/Test.

**Model B200**

- Super King Air Model B200GT/B200CGT Fusion Maintenance Manual, Chapter 52, Latch Mechanism - Adjustment/Test.
- Super King Air Model B200GT/B200CGT Fusion Maintenance Manual, Chapter 21, Cabin Pressurization - Adjustment/Test.

**Model B300**

- Super King Air Model B300/B300C Fusion Maintenance Manual, Chapter 52, Cabin Entrance Door - Maintenance Practices (FL).
- Super King Air Model B300/B300C Fusion Maintenance Manual, Chapter 52, Cabin Entrance Door - Adjustment Test (FL).
- Super King Air Model B300/B300C Fusion Maintenance Manual, Chapter 21, Cabin Pressurization - Adjustment/Test.

2. Do a visual inspection of the 101-430029-1 Cabin Entry Door Hooks as follows:

- A. Open the cabin entry door.

- (1) If the two 101-430029-1 Cabin Entry Door Hooks have an inspection stamp on the bottom side of the hook, go to Step 6.
- (2) If the one or two of the 101-430029-1 Cabin Entry Door Hooks do NOT have an inspection stamp on the bottom side of the hook, go to Step 3.

E77558



**NOTE:** The inspection mark is on the bottom side of the hook.

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3. (Refer to Figure 1, Sheet 1.) Replace the 101-430029-1 Cabin Entry Door Hook as follows:
  - A. Remove the 101-430029-1 Cabin Entry Door Hook that does not have the inspection stamp.
  - B. Install the new 101-430029-1 Cabin Entry Door Hook.
  - C. Depending upon the airplane model, do the Cabin Entrance Door/Latch Mechanism Adjustment Test.
    - (1) Once the 101-430029-1 Cabin Entry Door Hooks have been set, apply U074040 (Loctite 222MS) Adhesive to the threads of the 101-430029-1 Cabin Entry Door Hooks.
4. Remove the maintenance warning tags and connect the airplane battery and ground power unit.
5. Do the Cabin Pressurization Test.
6. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

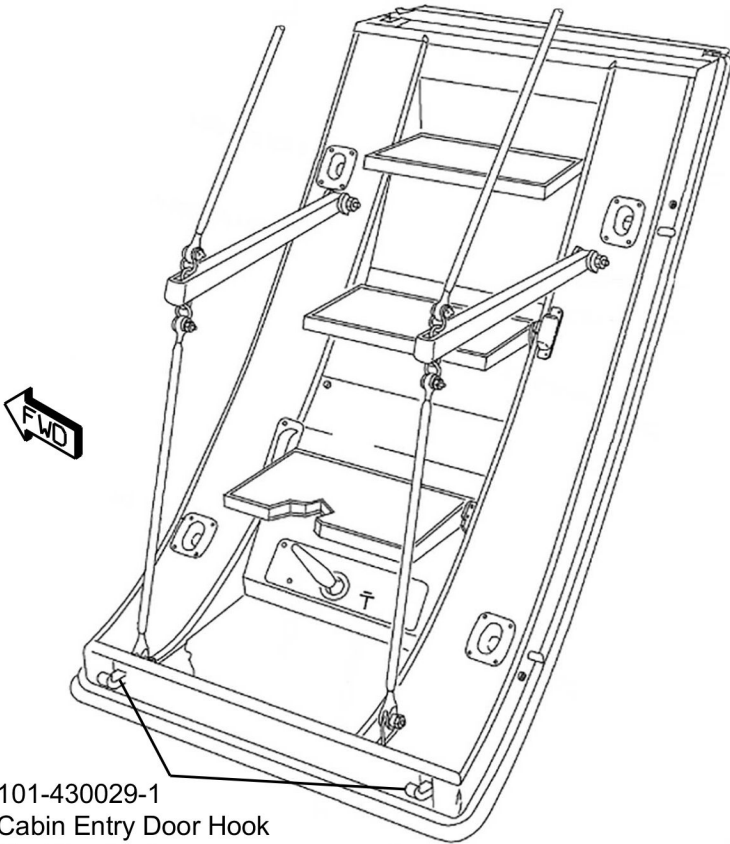
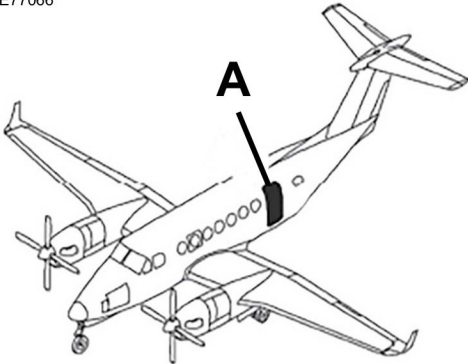
**NOTE:** Textron Aviation recommends that compliance with all service documents is reported to a maintenance tracking system provider.

- 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.

**MANDATORY**

**MTL-52-02**

E77066



101-430029-1  
 Cabin Entry Door Hook  
 (As Required)

**DETAIL A**

**NOTE:** The airplane locator is a B300, yet the location of the 101-430029-1 Cabin Entry Door Hooks is the same across all models.

Figure 1. Cabin Entry Door Hook Location (Sheet 1)

**MANDATORY****MTL-52-02****MATERIAL INFORMATION**

Order the part below to install this modification.

<b>NEW P/N</b>	<b>QUAN- TITY</b>	<b>KEY WORD</b>	<b>OLD P/N</b>	<b>INSTRUCTIONS/ DISPOSITION</b>
101-430029-1	As Required	Cabin Entry Door Hook	101-430029-1	Discard

\* Please contact your Regional Textron Aviation Parts Distribution Customer Support Team for current cost and availability of parts listed in this service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International).

For more information, please visit the TAPD Support & Aftermarket Account Management website at <https://ww2.txtav.com/Parts/Promos/TAPD>.

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

**TITLE**

DOORS - CABIN ENTRY DOOR HOOK REPLACEMENT

**TO:**

Beechcraft Model C90GTi, B200, and B300 Aircraft Owner

**REASON**

The cabin entry door hooks may have been improperly CAD plated or improperly manufactured.

**COMPLIANCE**

MANDATORY. This service document must be accomplished at the next 200-hour or 12-month inspection.

**LABOR HOURS**

WORK PHASE	LABOR-HOURS
Modification	8

**MATERIAL AVAILABILITY**

PART NUMBER	AVAILABILITY	COST
101-430029-1	*	*

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**WARRANTY**

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

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**Eligibility:** Airplanes identified within the serial number effectivity of this service document must have active Airframe 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:** January 12, 2025 (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.