

**MANDATORY****MTL-22-02****TITLE**

AUTO FLIGHT - TRANSMITTAL OF INNOVATIVE SOLUTIONS AND SUPPORT INC RECALL NOTICE  
RN2203

**EFFECTIVITY**

<b>MODEL</b>	<b>SERIAL NUMBERS</b>
B200GT	BY-396, BY-398, BY-401 thru BY-404, BY-406 thru BY-408, BY-410 thru BY-413, BY-415
B200CGT	BZ-3
B300	FL-1114, FL-1244 thru FL-1245, FL-1255, FL-1259 thru FL-1266, FL-1268 thru FL-1281, FL-1283

This service letter is applicable to the airplanes equipped with the Innovative Solutions and Support Inc. Standby Display Unit with Autothrottle System in the King Air Proline Fusion Models.

**REASON**

Innovative Solutions and Support Inc. has released Recall Notice RN2203, which provides an update for the Autothrottle System on King Air Proline Fusion equipped models.

**DESCRIPTION**

This service document transmits Innovative Solutions and Support Inc. Recall Notice RN2203. Refer to the Innovative Solutions and Support Inc. Recall Notice RN2203 for detailed information about changes.

**COMPLIANCE**

**MANDATORY.** This service document must be accomplished at the next 100-hour or 12-month (annual-type) 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.

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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.

**REFERENCES**

Innovative Solutions and Support Inc. Recall Notice RN2203. (Latest revision)

**PUBLICATIONS AFFECTED**

None

**ACCOMPLISHMENT INSTRUCTIONS**

1. Review Innovative Solutions and Support Inc. Recall Notice RN2203.
2. If the Remote Standby Controller (RSC) serial number from the list is installed, review the MODIFICATION label to determine whether HARDWARE MODIFICATION A has been accomplished. (Refer to RN2203, Page 2, Section II Planning Information, Step C. 2.)

**NOTE:** The A on the MODIFICATION HARDWARE label will be marked off as shown in RN2203, Page 4, Section III Accomplishment Instruction.

3. If modification A has not been accomplished, remove the unit and return it to IS&S to update the hardware. (Refer to RN2203, Page 4, Section IV Material Information.)
4. If modification A has been accomplished, make an entry in the logbook that states compliance with this service letter.
5. Make an entry in the airplane logbook that states compliance and method of compliance with this service letter.

**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.

**MATERIAL INFORMATION**

Refer to the Innovative Solutions and Support Inc. Recall Notice RN2203.

**TITLE**

AUTO FLIGHT - TRANSMITTAL OF INNOVATIVE SOLUTIONS AND SUPPORT INC RECALL NOTICE RN2203

**TO:**

Beechcraft King Air Model B200GT, B200CGT, B300 Aircraft Owner

**REASON**

Innovative Solutions and Support Inc. has released Recall Notice RN2203, which provides an update for the Autothrottle System on King Air Proline Fusion equipped models.

**COMPLIANCE**

MANDATORY. This service document must be accomplished at the next 100-hour or 12-month (annual-type) inspection.

**LABOR HOURS**

Refer to the Innovative Solutions and Support Inc. Recall Notice RN2203, Manpower, for labor hour information.

**MATERIAL AVAILABILITY**

Refer to the Innovative Solutions and Support Inc. Recall Notice RN2203, Description, Material Cost and Availability, and Material Information.

**WARRANTY**

Refer to the Innovative Solutions and Support Inc. Recall Notice RN2203, Material Cost and Availability, and Material Information.

**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.

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Innovative Solutions & Support, Inc

CAGE CODE: 0EUW0

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Exton, PA 19341 USA  
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# RECALL NOTICE

## I. KING AIR REMOTE STANDBY CONTROLLER (RSC) UPDATE FOR IS&S AUTOTHROTTLE SYSTEM ON KING AIR PROLINE FUSION EQUIPPED COCKPITS

A. Customer reported two incidents of un-commanded throttle movement. In one occurrence, the throttles suddenly retarded toward the Idle position while in cruise flight. On another occasion, the throttles suddenly moved to full-forward position causing ITT to exceed temperature limits.

1. IS&S is suggesting a hardware update to each RSC.

## II. PLANNING INFORMATION

**WARNING:** FAILURE TO CORRECTLY IMPLEMENT ANY INSTRUCTION GIVEN HERE, AS AMENDED FROM TIME TO TIME BY INNOVATIVE SOLUTIONS & SUPPORT, MAY ENDANGER HEALTH OR SAFETY.

### A. Effectivity

1. P/N 9B-84181-7 Remote Sensor Controller
2. This change has been incorporated for the King Air Aircraft RSC per IS&S Engineering Change Order (ECO) 15167, which took effect on 12/10/2021.

This is a recommended modification, which affects the LRU Part Number 9B-84181-7,

- (a) The 9B-84181-7 RSC requires a component population change on an internal circuit card. This change alleviates the RSC from being affected by voltage drops at cold temperatures. A hardware MOD label is added to the unit to indicate completion of ECO 15167.

### B. Reason

1. This is an update required to address the following Customer reported two incidents of un-commanded throttle movement:
  - In one occurrence (ISSUE\_1), the throttles suddenly retarded toward the Idle position while in cruise flight in response to high ITT temperatures.
  - On another occasion (ISSUE\_2), the throttles suddenly moved to full-forward position causing an unexpected increase in torque and ITT.

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- This update can be tracked by this Recall Notice (RN2203) and the internal IS&S Engineering Change Order 15167.

C. Description

- The information below identifies the King Air RSC hardware update for the LRUs that are changed with incorporation of this Recall Notice.

CHANGE

- Several component population changes are made, and a Hardware MOD label are required to complete this modification. No end user is authorized to upgrade units as described in Section III.

- The following are the RSC serial numbers are affected:

Part Number	Description	ECO	Platform	Customer
9B-84181-7	RSC	ECO 15167	King Air	Textron

26230	26318	26338	26562	26744	26828	27200
26232	26320	26384	26564	26746	26830	27400
26234	26322	26386	26566	26748	26832	27402
26236	26324	26388	26570	26750	26834	27404
26238	26326	26390	26572	26752	27188	27406
26240	26328	26392	26574	26754	27190	27408
26242	26330	26394	26576	26820	27192	
26244	26332	26398	26578	26822	27194	
26312	26334	26400	26580	26824	27196	
26316	26336	26402	26742	26826	27198	

D. Timing

- This Recall Notice should be accomplished within 12 months of receipt during a scheduled maintenance visit. Contact Textron to determine availability of rotatable pool of RSCs to shorten downtime to accomplish update.

E. Approval

- This Recall Notice provides a hardware update that falls under the FAA category of TSO Minor Change and STC Minor Change. IS&S will provide acknowledgement letters of the TSO and STC Minor Changes contained in this hardware update once received from the FAA.

F. Manpower

- Removal of the RSC from the aircraft will take 1.0 hour.

G. Material Cost and Availability

- This modification is available through IS&S, at a cost of \$0.00.
- Balance of warranty is not affected.

H. Tooling

1. Please follow the details outlined in the IS&S Operations and Installation Manual, 1D-88129 for removal and replacement of the RSC.

I. Weight and Balance Data

1. Not applicable

J. Electrical Load Data

1. Not affected

K. References

1. IS&S Operations and Installation Manual, 1D-88129

L. Other Publications Affected

1. Not applicable at this time.

### III. ACCOMPLISHMENT INSTRUCTIONS

- A. This RSC update can only be performed at Innovative Solutions & Support. When the modification is accomplished at IS&S, the RSCs will be marked accordingly (hardware MOD A):

Upgraded RSCs carry the following hardware modification label:



### IV. MATERIAL INFORMATION

- A. This RSC update must be accomplished at Innovative Solutions & Support. The RSCs can be returned to:

Innovative Solutions & Support  
Customer Service  
Recall Notice 2203  
720 Pennsylvania Drive  
Exton, PA 19341 USA  
[ISSCustomerSvs@innovative-ss.com](mailto:ISSCustomerSvs@innovative-ss.com)  
Tel.: 610-646-9800 EXT 320