

SERVICE BULLETIN REVISION TRANSMITTAL SHEET

MODEL BD-700-1A10 (BD-700)

Discard the Basic Issue of this Service Bulletin dated Sep 15/2008, and replace in its entirety with this Revision 01.

Service Bulletin No. 700-25-025

Date of Basic Issue Sep 15/2008

Revision No. 01 Dated Feb 16/2009

This revision has no effect for aircraft on which the Basic Issue of this Service Bulletin was done thus no other action is necessary.

This revision is issued to inform operators that the compliance for this Service Bulletin has been changed from Optional to Recommended. Also the policy has been revised to show that Bombardier Aerospace pays for this modification.

This revision is issued to:

1. Revise the Summary Sheet and Paragraph 1.D. of the Service Bulletin to reflect the change in the compliance from Optional to Recommended.
2. Revise the effectivity on the Summary Sheet and in Paragraph 1.A.
3. Add, in Paragraph 1.A., the pilot seat 871500-608 with serial no. 0316 to 0357.
4. Add, in Paragraph 1.A., the copilot seat 871500-609 with serial no. 0310 to 0351.
5. Revise, in Paragraph 1.F., the labor statement.
6. Revise, in Paragraph 1.G., the kit statement and the Smart Parts Plus statement.
7. Make miscellaneous minor changes, as necessary, with no change of context.

SERVICE BULLETIN SUMMARY

This Service Bulletin is available at:

www.cic.bombardier.com

MODEL BD-700-1A10 (BD-700)

ATA 25-11

EQUIPMENT/FURNISHINGS

MODIFICATION – FLIGHT CREW SEATS – INTRODUCTION OF THICKER FORE/AFT CABLE FOR CREW SEAT

The information below is provided for your reference. For full details, please see corresponding paragraph contained within this bulletin.

RECOMMENDED	COMPLIANCE TIME		
RELIABILITY/DISPATCHABILITY/COST AVOIDANCE	Not applicable		
EFFECTIVITY: A/C Serial No. 9002 to 9321			
MANPOWER: 12 man-hours			
KITS and/or PARTS	YES	<input checked="" type="checkbox"/>	NO <input type="checkbox"/>
TOOLING/GSE	YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>
PLANNING INFORMATION: See important information at the start of Paragraph 1.	YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>
DEDICATED SCHEDULE	YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>
PREREQUISITE SERVICE BULLETINS: N/A			

To place an order for parts or kits, please call Bombardier Parts Logistics at:

514-855-2999 or 1-866-538-1247

SERVICE BULLETIN

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www.cic.bombardier.com

MODEL BD-700-1A10 (BD-700)

ATA 25-11

EQUIPMENT/FURNISHINGS

**MODIFICATION – FLIGHT CREW SEATS –
 INTRODUCTION OF THICKER FORE/AFT CABLE FOR CREW SEAT**

1. PLANNING INFORMATION

A. Effectivity

BD-700-1A10 aircraft, Serial No. **9002** to **9321** with seats Serial No. given in the table below:

SEAT	SEAT P/N	SEAT SERIAL NO.	FORE/AFT ADJUSTMENT & CONTROL INSTALLATION	SP KIT
PILOT	871500-602	0010 to 0056	871528-401	120SP018
	871500-604	0057 to 0073		
		0075 to 0088		
		0090 to 0103		
		0109 to 0129		
871500-604-001	0104 to 0108			
871500-604-003	0074			
871500-604-004	0089			

NOTE: Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletins 871500-25-2071 and 871500-25-2087 (for the latter, refer to Bombardier Aerospace SB A700-25-008).

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MODEL BD-700-1A10 (BD-700)

SEAT	SEAT P/N	SEAT SERIAL NO.	FORE/AFT ADJUSTMENT & CONTROL INSTALLATION	SP KIT
PILOT	871500-606	0130 to 0139 0141 to 0162	871528-403	120SP018
	871500-606-001	0140		
<p>NOTE: Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletin 871500-25-2109 (refer to Bombardier Aerospace SB A700-25-008).</p>				
PILOT	871500-608	0163 to 0315	871528-405	120SP018
<p>NOTE: Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletin 871500-25-2146 (refer to Bombardier Aerospace SB 700-25-023).</p>				
PILOT	871500-608	0316 to 0357	871528-405	120SP018

SEAT	SEAT P/N	SEAT SERIAL NO.	FORE/AFT ADJUSTMENT & CONTROL INSTALLATION	SP KIT
COPILOT	871500-603	0009 to 0056	871528-402	120SP018
	871500-605	0057 to 0072 0074 to 0096 0098 to 0122		
		0123 to 0128		
	871500-605-003	0073		
	871500-605-004	0097		
<p>NOTE: Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletins 871500-25-2071 and 871500-25-2087 (for the latter, refer to Bombardier Aerospace SB A700-25-008).</p>				

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MODEL BD-700-1A10 (BD-700)

SEAT	SEAT P/N	SEAT SERIAL NO.	FORE/AFT ADJUSTMENT & CONTROL INSTALLATION	SP KIT
COPILOT	871500-607	0129 to 0132 0134 to 0160	871528-404	120SP018
	871500-607-001	0133		
<p><u>NOTE:</u> Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletin 871500-25-2109 (refer to Bombardier Aerospace SB A700-25-008).</p>				
COPILOT	871500-609	0161 to 0309	871528-406	120SP018
<p><u>NOTE:</u> Refer to Monogram Systems SB 871500-25-2147 for information on incorporation of their previous Service Bulletin 871500-25-2146 (refer to Bombardier Aerospace SB 700-25-023).</p>				
COPILOT	871500-609	0310 to 0351	871528-406	120SP018

NOTE: The instructions given in this Service Bulletin are only applicable to the systems and parts installed at the time of delivery of the aircraft or as changed by Bombardier Aerospace Service Bulletin(s).

Before you do this bulletin, examine all STC, STA or equivalent action changes to make sure that this bulletin can be completed.

B. Reason

This Service Bulletin gives instructions to replace components of the fore/aft control installation for the crew seats with a new lever assembly that includes a thicker, more robust cable, a better end retainer and a new bellcrank for operational enhancement.

This product improvement will increase the reliability of the system and thus will reduce operational delays and maintenance costs.

C. Description

This Service Bulletin gives instructions to:

- Remove the pilot's and copilot's seats,
- Do the modification as given in the attached Monogram Systems, SB 871500-25-2147,
- Install the pilot's and copilot's seats, and
- Do the necessary tests to make sure the system operates correctly.

D. Compliance

Recommended – Reliability/Dispatchability/Cost Avoidance

E. Approval

The technical content of this Service Bulletin has been approved under the authority of Transport Canada Civil Aviation (TCCA) Design Approval Organization (DAO) No. DAO #93-Q-02.

- NOTES:**
1. The technical content of this Service Bulletin is accepted by the FAA under the Canada/USA bilateral Aviation Safety Agreement.
 2. The technical content of this Service Bulletin is accepted by the JAA and by EASA in accordance with established procedures.

F. Manpower

- NOTES:**
1. The man-hours given are estimates to help you schedule the tasks given in this bulletin. The estimates are for direct labor performed by an experienced crew and do not include the time for familiarization, planning, aircraft preparation in hangar such as towing and positioning of scaffolds, removal of interior furnishings, repainting, supervision and inspection.

For more information related to the manpower estimates, refer to SB 700-00-002.

2. This Service Bulletin may require consumable materials that have specific curing times (refer to Paragraph 3.). The accumulated curing time is not included in the labor estimates and should be considered for planning purposes before you schedule this Service Bulletin.

12 man-hours are necessary to modify both crew seats.

The labor required to do this Service Bulletin is at no cost if:

- (i) the work is done at Bombardier Business Aviation Services (BBAS) or Authorized Service Facilities (ASF), and
- (ii) this Service Bulletin is scheduled in less than 12 months from its release date (Revision 01).

G. Material – Cost and Availability

Kit 700K25-025 is necessary to do this modification. One kit is necessary for each crew seat. Only the U.S. domestic price is shown:

KIT NO.	PRICE
700K25-025	\$1,045.00

The above price can change. For the price outside of the U.S., refer to the last applicable Spare Parts Price Catalog. This data is also available from Bombardier Business Aviation Services (BBAS) at the addresses shown in the catalog.

100 kits were available when this Service Bulletin was released (Revision 01). Sufficient kits will be kept for the estimated amount of orders.

This kit is available at no cost if:

- (i) a no-charge purchase order is sent to Bombardier Aerospace in less than 12 months from this Service Bulletin release date (Revision 01).

During or after the above free period, Smart Parts Plus does not pay for the kits.

H. Tooling – Price and Availability

No equipment or special tools are necessary.

I. Weight and Balance

No change.

J. Electrical Load Data

No change.

K. References

- Monogram Systems SB 871500-25-2147 (attached).
- Bombardier Aerospace, SB A700-25-008, "Special Check/Rework/Modification – Flight Crew Seats – Replacement of the Crew Seats Adjustable Lock Assembly, Lever Mechanism and Seat Track Stop Fittings".
- Bombardier Aerospace, SB 700-25-023, "Modification – Flight Crew Seats – Installation of a Stop for the Fore/Aft Adjustment Cable".
- Global Express BD-700 Aircraft Maintenance Manual, Chapters 6 and 25.
- Global Express XRS BD-700 Aircraft Maintenance Manual, Chapters 6 and 25.

L. Other Publications Affected

- Global Express BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 25.
- Global Express XRS BD-700 Aircraft Illustrated Parts Catalog (AIPC), Chapter 25.

M. Equivalent Service Bulletin

For the Global 5000 BD-700-1A11 aircraft, use SB 700-1A11-25-021.

2. ACCOMPLISHMENT INSTRUCTIONS

NOTES: 1. All TASKs given in the procedures that follow are from the Global Express or Global Express XRS BD-700 Aircraft Maintenance Manual unless otherwise specified.

2. All references made to zones, access panels and/or doors, are from the Global Express or Global Express XRS BD-700 Aircraft Maintenance Manual, Chapter 6.

A. Aircraft Setup

Remove the pilot's and copilot's seats from the aircraft. Refer to TASK 25-11-00-000-801.

B. Modification

(1) Replace the fore/aft adjustment cable (lever assembly) and bellcrank as given in the attached Monogram Systems SB 871500-25-2147.

NOTE: Keep the pin MS20392-1C17 during replacement of the bellcrank and keep the spring LC047F5MW during replacement of the lever assembly.

(2) Install the pilot's and copilot's seats in the aircraft. Refer to TASK 25-11-00-400-801.

C. Testing

Do the operational test of the flight crew seats. Refer to TASK 25-11-00-710-801.

D. Close-out

Remove all tools, equipment and unwanted materials from the aircraft.

E. Recording

When this Service Bulletin is completed, make an entry in the aircraft log and send the attached Incorporation Notice to Bombardier Business Aircraft Customer Services (BBACS).

3. MATERIAL INFORMATION

A. Kit

Kit 700K25-025 is necessary to do this Service Bulletin and contains the part that follows:

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
120SP018	1	Kit, Fore/Aft Adjustment Cable, Crew Seat	Refer to Monogram Systems SB 871500-25-2147	Discard

- NOTES:**
1. In case of discrepancy between this list and the "Service Bulletin Kit Parts List" contained in the respective kit, then the latter list prevails.
 2. The actual quantity for some of the hardware contained in the kit can be greater than the amount shown in the table as these items are supplied in prepackaged quantities.
 3. One kit is necessary for each crew seat.

B. Parts

No parts required.

C. Material

No materials required.

D. Publications

No publications required.

SERVICE BULLETIN EVALUATION FORM

(Your ideas will help us provide better bulletins)

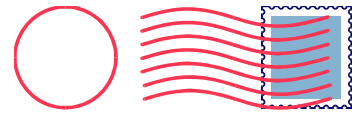
SERVICE BULLETIN: 700-25-025 **ISSUE:** Rev. 01 **DATED:** Feb 16/2009

TITLE: Modification – Flight Crew Seats – Introduction of Thicker Fore/Aft Cable for Crew Seat

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
<ul style="list-style-type: none"> • Instructions to do the Service Bulletin were accurate. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Illustration(s), figure(s), and/or kit drawing(s) were helpful to carry out instructions. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • If a kit was required, did the kit contents received agree with the contents listed in the bulletin? Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • The loose parts listed under Paragraph 3 were easily procured. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Work was accomplished in the prescribed time. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Overall, I was satisfied with this Service Bulletin. Comments: 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<i>For administrative use only</i>	PLEASE SUPPLY US WITH THE FOLLOWING DATA AND FAX TO: (514) 855-7634 or E-MAIL TO: MTL_BBAD_SB_Evaluation@aero.bombardier.com	
	52LB01	OPERATOR: _____ AIRCRAFT SERIAL NO.: _____ TELEPHONE: _____ FACSIMILE: _____ NAME: (Please print) _____

THANK YOU FOR YOUR RESPONSE!
 PLEASE RETURN THIS COMPLETED EVALUATION FORM BY MAIL, E- MAIL OR FAX



Bombardier Business Aircraft Customer Services (BBACS)

P.O. Box 6087, Station Centre-ville
Montréal, Québec, Canada H3C 3G9

Attention: Customer Support Department

SERVICE BULLETIN INCORPORATION SHEET – “700-25-025”

Upon completion of the Service Bulletin, please fill in this form and either fold and mail in the envelope provided, or fax to:(514) 855-8798, or e-mail to Fracas at fracas.montreal@aero.bombardier.com

NOTE: For configuration control purposes, please fill out one form for each Service Bulletin.

Service Bulletin Number	Rev.	* Parts Completed	COMPLIED WITH		Remarks
			YES	NO	
700-25-025	01	-	<input type="checkbox"/>	<input type="checkbox"/>	
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>	

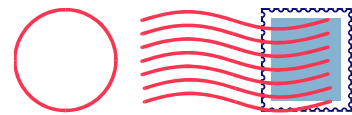
Actual hours to accomplish Service Bulletin: _____

* **NOTES:**

- Where the Service Bulletin is divided into a number of parts (e.g., PARTS A, B, C, D, etc.) which can be carried out separately, indicate only those parts completed at this time.
- For repetitive checks (usually PART A) only the initial check should be reported unless otherwise stated in the Service Bulletin.
- When more than one part is carried out at the same time, each part should be reported.

Is the aircraft enrolled on the CAMP computerized maintenance program? **Yes** **No**

Aircraft Serial No.	_____	Aircraft Reg. No.	_____
Airframe Landings	_____	Airframe Hours	_____
Date of Incorporation	_____	Service Order No.	_____
Facility & Location Incorporation Bulletin	_____		
PRINT NAME	_____	DATE:	_____
SIGNATURE:	_____		



Bombardier Business Aircraft Customer Services (BBACS)

P.O. Box 6087, Station Centre-ville
Montréal, Québec, Canada H3C 3G9

Attention: Customer Support Department, Maintenance Engineering
