

SERVICE BULLETIN SUMMARY

This Service Bulletin is available at:

www.cic.bombardier.comT

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

ATA 25-11

EQUIPMENT/FURNISHINGS

MODIFICATION – FLIGHT CREW SEATS – INSTALLATION OF A STOP FOR THE FORE/AFT ADJUSTMENT CABLE

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

EFFECTIVITY	A/C Serial No. 9002 to 9126 and 9128 to 9281		
COMPLIANCE	Alert	<input type="checkbox"/>	
	Recommended	<input checked="" type="checkbox"/>	
	Optional	<input type="checkbox"/>	
MANPOWER	6 man-hours		
KITS and/or PARTS	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
TOOLING	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
GSE	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 – INSTALLATION
 OF A STOP FOR THE FORE/AFT ADJUSTMENT CABLE**

1. PLANNING INFORMATION

A. Effectivity

BD-700-1A10 aircraft, Serial No. **9002** to **9126** and **9128** to **9281** with seats
 Serial No. as given in the table below.

SEAT	SEAT P/N	SEAT SERIAL NO.	BASE INSTALLATION P/N	SP KIT	
PILOT	871500-602	0010 to 0056	871528-401	120SP017	
	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	871528-403		
	871500-606	0130 to 0139 0141 to 0162			
	871500-606-001	0140			
	871500-608	0163 to 0315	871528-405		

Refer to applicable governmental agency regulations and requirements and make sure that the work described in this Service Bulletin is performed in compliance with manufacturer's recommendations and/or acceptable industry standards.

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MODEL BD-700-1A10

SEAT	SEAT P/N	SEAT SERIAL NO.	BASE INSTALLATION P/N	SP KIT
COPILOT	871500-603	0009 to 0056	871528-402	120SP017
	871500-605	0057 to 0072 0074 to 0096 0098 to 0122		
	871500-605-002	0123 to 0128		
	871500-605-003	0073		
	871500-605-004	0097	871528-404	
	871500-607	0129 to 0132 0134 to 0160		
	871500-607-001	0133		
	871500-609	0161 to 0309	871528-406	

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 is introduced to add a stop to the fore/aft control lever of the crew seats and to replace the existing cable to prevent breakage of the fore/aft adjustment cable. When the cable breaks, the seat can no longer be adjusted in the longitudinal mode and the aircraft is grounded until the cable is replaced.

This modification will reduce the tension on the fore/aft adjustment cable and help prevent its breakage. In turn, this will prevent missed flights, reduce maintenance costs associated with cable replacement and improve the system reliability.

C. Description

This Service Bulletin gives instructions to:

- Remove the pilot's and copilot's seats,
- Replace the mechanical control assembly,
- Do the modification as per the attached Monogram Systems, SB 871500-25-2146,
- Install the pilot's and copilot's seats, and
- Do the necessary test to make sure that the system operates correctly.

D. Compliance

Recommended.

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.

6 man-hours are necessary to do this modification.

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.

G. Material – Cost and Availability

Kit 700K25-023 is necessary to do this modification. Only the U.S. domestic price is shown:

KIT NO.	PRICE
700K25-023	\$636.00

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.

MODEL BD-700-1A10

40 kits were available when this Service Bulletin was released. Sufficient kits will be kept for the estimated amount of orders.

This kit is available at no cost if a no-charge purchase order is sent to Bombardier Aerospace before Dec 31, 2008.

For those aircraft in new aircraft warranty at the time this Service Bulletin is released, Smart Parts Plus does not pay for the kit at any time.

For those aircraft out of new aircraft warranty at the time this Service Bulletin is released, Smart Parts Plus pays for the kit for up to one year from the Service Bulletin release date.

NOTE: The above-mentioned kit contains all the parts necessary to do the modification on the pilot's and copilot's seats. Only one kit is necessary to do this Service Bulletin.

H. Tooling

No equipment or special tools are necessary.

I. Weight and Balance

No change.

J. Electrical Load Data

No change.

K. References

- Bombardier Aerospace, Restriction and/or Special Instruction (RSI), C-01433, Rev. NC.
- Monogram Systems SB 871500-25-2146 (attached)
- Global Express BD-700 Aircraft Maintenance Manual, Chapters 6 and 25.
- Global Express XRS BD-700 Aircraft Maintenance Manual, Chapters 6 and 25.
- Global BD-700 Component Maintenance Manual (CMM), Chapter 25-10-42.

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 700-1A11-25-019.

2. ACCOMPLISHMENT INSTRUCTIONS

- NOTES:
1. All TASKs referenced in the procedures that follow are from the Global Express or the 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 the 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 old mechanical control assembly, Part No. MC5494-22, MC5495-22 or 871877-1 with a new assembly, Part No. MC5495-22. Refer to the Monogram Systems Fullerton Division CMM, Chapter 25-10-42.
- (2) Do the modification as per the attached Monogram Systems SB 871500-25-2146.
- (3) 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 700K25-023 is necessary to do this Service Bulletin and contains the parts that follows:

NEW PART NO.	QTY	ITEM	USED PART NO.	INSTRUCTIONS - DISPOSITION
120SP017	2	Monogram Systems Modification Kit	-	-
MC5495-22	2	Mechanical Control Assembly	MC5494-22, or MC5495-22 or 871877-1	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 pre-packaged quantities.

B. Material

The consumable material that follows, or equivalent, are necessary to do this Service Bulletin. These can be purchased from a local supplier:

DESCRIPTION	PART No./NAME	SPECIFICATION	QUANTITY	SUPPLIER (See Note)
Cleaner	Isopropyl Alcohol	TT-I-735	As Necessary	Commercially Available

- NOTES:**
1. Bombardier Aerospace does not pay for the consumable materials listed above.
 2. Refer to the next table for each supplier's address listed by codes.
 3. The Curing Time (CT), if applicable, for each consumable material is indicated with the description of each product.
 4. At time of release of this Service Bulletin, the information on the supplier was valid and accurate. In the event that this information has changed, the operator is encouraged to use the World Wide Web to find a local supplier.

C. Publications

None.

SERVICE BULLETIN EVALUATION FORM

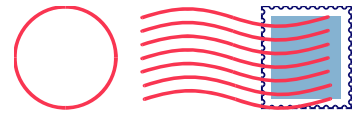
(Your ideas will help us provide better bulletins)

SERVICE BULLETIN: 700-25-023	ISSUE: Basic	DATED: Dec 17/2007
TITLE: Modification – Flight Crew Seats – Installation of a Stop for the Fore/Aft Adjustment Cable		

	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	
0714ATBasic	OPERATOR:	
	AIRCRAFT SERIAL NO.:	
	TELEPHONE:	
	FACSIMILE:	
	NAME: (Please print)	

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



Bombardier Business Aircraft Customer Services (BBACS)

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

Attention: Service Bulletin Group
Department 172

SERVICE BULLETIN INCORPORATION SHEET – “700-25-023”

Upon completion of the Service Bulletin, please fill in this form and either fold and mail in the envelope provided, or fax to:(514) 855-7634, 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.

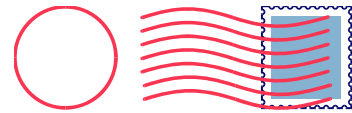
Service Bulletin Number	Rev.	* Parts Completed	Further Action Required	
			YES	NO
700-25-023	Basic	-	<input type="checkbox"/>	<input type="checkbox"/>
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>
-	-	-	<input type="checkbox"/>	<input type="checkbox"/>

Actual hours to accomplish Service Bulletin:
 Access: _____ Modification: _____ Tests: _____ Restore: _____

* **NOTES:** 1. 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.
 2. For repetitive checks (usually PART A), only the initial check should be reported unless otherwise stated in the Service Bulletin.
 3. 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
	<input type="checkbox"/>	<input type="checkbox"/>

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: Maintenance Engineering
Department 051
