

# SERVICE BULLETIN REVISION TRANSMITTAL SHEET

MODEL BD-700-1A11 (BD-700)

Discard the Basic Issue of this Service Bulletin dated Aug 29/2006 and the Info Sheet dated Jan 21/2008 and replace in its entirety with this Revision 01.

Service Bulletin No. 700-1A11-31-008  
Date of Basic Issue Aug 29/2006  
Revision No. 01 Dated Dec 14/2009

**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:

1. Add, in Paragraph 1.G., that the part given in Paragraph 3.B. is necessary to download the QAR data.
2. Remove, in Paragraph 1.H., the reference to the QAR download kit and its part no. and GSE reference no. The information on this kit, available as an additional part that the operators can purchase, is now available in Paragraph 3.B.
3. Change, in Paragraph 1.K., the revision of the Modification Summary R700T400229 from A to B and the revision of the Kit Drawing KGC991-0028 from -- to A and add the reference to the Illustrated Tool and Equipment Manual for the GSE.
4. Add a Note after step 2.B.(1) to clarify the position of the connector on the bracket sub-assembly to ease removal for maintenance.
5. Change, in Paragraph 2.B.(1)(a) and other subsequent locations, the part no. of the bracket sub-assembly KGC991-0028-3 to KGC991-0028-11.
6. Change, in Paragraph 2.B.2.(f)(iii), the part no. of the bracket KGC991-1294-5 to -13.

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7. Change, in Paragraph 2.B.(5), the kit drawing number.
8. Add, in Paragraph 2.B.(7): "Install decal Part No. KGC991-1294-15 above cut out as shown on Kit Drawing KGC991-0028. Refer to TASK 20-80-01-400-801."
9. Change Paragraph 2.C.(15), to read: "Do the electrical bonding test between the QAR aircraft side connector and the aircraft structure. Refer to TASK 51-80-00-760-801." to incorporate Info Sheet dated Jan 21/2008.
10. Change, in Paragraph 3.A., Part No. of bracket KGC991-1294-5S to -13 or -13S.
11. Add, in Paragraph 3.A., DECAL Part No. KGC991-1294-15.
12. Add, in Paragraph 3.B., the QAR download kit as an additional part that the operators can purchase and two Notes indicating: 1) that only one kit per operator is necessary; and 2) the related GSE reference no.
13. Replace revision -- of the Kit Drawing KGC991-0028 with revision A.
14. Make miscellaneous minor changes, as necessary, with no change of context.

# SERVICE BULLETIN SUMMARY

This Service Bulletin is available at:  
[www.cic.bombardier.com](http://www.cic.bombardier.com)

MODEL BD-700-1A11 (BD-700)

ATA 31-31

INDICATING/RECORDING SYSTEMS

**MODIFICATION – FLIGHT DATA RECORDING-SYSTEM –  
 INTRODUCTION OF A QUICK ACCESS RECORDER**

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

|   |  |  |  |
|---|--|--|--|
| <b>OPTIONAL</b><br>OPERATIONAL ENHANCEMENT  | <b>COMPLIANCE TIME</b><br>Not applicable |  |  |
| <b>EFFECTIVITY:</b> A/C Serial No. 9130 to 9999                                     |  |  |  |
| <b>MANPOWER:</b> 40 man-hours   |  |  |  |
| <b>KITS and/or PARTS</b>  | YES <input checked="" type="checkbox"/>  | No <input type="checkbox"/>            |  |
| <b>TOOLING/GSE</b>  | YES <input type="checkbox"/>             | No <input checked="" type="checkbox"/> |  |
| <b>PLANNING INFORMATION:</b> See important information at the start of Paragraph 1. | YES <input type="checkbox"/>             | No <input checked="" type="checkbox"/> |  |
| <b>DEDICATED SCHEDULE</b>   | YES <input type="checkbox"/>             | No <input checked="" type="checkbox"/> |  |
| <b>PREREQUISITE SERVICE BULLETINS:</b> 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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ATA 31-31

INDICATING/RECORDING SYSTEMS

## MODIFICATION – FLIGHT DATA RECORDING-SYSTEM – INTRODUCTION OF A QUICK ACCESS RECORDER

### 1. PLANNING INFORMATION

#### A. Effectivity

BD-700-1A11 aircraft, Serial No. **9130** to **9999**.

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 introduces the Quick Access Recorder (QAR). The QAR is an independent flight data recording device that records the same data as the FDR.

The main improvements achieved by the incorporation of this modification are:

- Improved accessibility,
- Common download format that allows for the use of a standard laptop,
- The large memory size of the QAR reduces the data download frequency by increasing the amount of recordable data, 750 hours on the QAR compared to 25 hours on the FDR,
- Greater ease of operation, improving the maintenance task of data recovery for operators that need to comply with the recent amendment to JAR-OPS 1.037.

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JAR-OPS 1.037 states that operators of aircraft with a maximum certificated take-off mass (MCTOM) in excess of 59 524 lb (27 000 kg) must establish and maintain a flight data monitoring program as part of their accident prevention and flight safety program.

A flight data-monitoring program is accomplished by downloading FDR data and analyzing the results. With the FDR, this task must be done before 25 hours or flight data is overwritten. Downloading the FDR data is a complex task that is time consuming and requires the use of specialized equipment.

NOTE: QAR component description is as follows:

- Model: Avionica, miniQAR MKII,
- Memory type: solid state, internal,
- Memory capacity: 1GB,
- Automatic detection of Words Per Second (WPS) transfer rate,
- Capacity at 128 WPS = 1 500 flight hours,
- Capacity at 256 WPS (most Global 5000) = 750 flight hours,
- Recording condition: when powered up, on reception of ARINC 717 input (same as FDR), and
- Small size: Length 2.6 in (6.6 cm), Width 2.2 in (5.6 cm) and Height 1.8 in (4.6 cm).

### C. Description

This Service Bulletin gives instructions to:

- Open the door 211AL of the forward equipment compartment,
- Remove the closing skin panels of the avionics rack,
- Remove bulkhead panel 222ERW,
- Disconnect the avionics and APU batteries
- Remove the DAU4 and the JB6,
- Install the new QAR system wiring,
- Do the modification as given in the QAR installation kit drawing,
- Install the DAU 4 and the JB6,
- Connect the avionics and the APU batteries
- Do the necessary tests to make sure that the avionics and the APU batteries, the DAU4, the JB6 and the new QAR systems are operating correctly,
- Install bulkhead panel 222ERW,
- Install the closing skin panels of the avionics rack, and
- Close the door 211AL of the forward equipment compartment.

### D. Compliance

| Optional – Operational Enhancement.

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**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 700-1A11-00-002.

2. This Service Bulletin may require the use of 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.

40 man-hours are necessary to do this modification.

Bombardier Aerospace does not pay for the labor to do this modification.

**G. Material - Cost and Availability**

Kit 700K31-026 is necessary to do this modification. Only the U.S. Domestic price is shown:

| KIT NO.    | PRICE      |
|------------|------------|
| 700K31-026 | \$5,269.00 |

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.

Sufficient kits will be kept for the estimated amount of orders.

In addition to the kit shown above, the parts given in Paragraph 3.B. are also necessary to do this Service Bulletin and to download QAR data.

Bombardier Aerospace does not pay for the kit or the part to do this modification.

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**H. Tooling**

No equipment or special tools are necessary. Refer to Paragraph 3.B. for the QAR download kit.

**I. Weight and Balance**

| WEIGHT             | MOMENT                   |
|--------------------|--------------------------|
| +0.87 lb (0.39 kg) | +277.4 lbf in (3.20 kgm) |

**J. Electrical Load Data**

This modification increases the continuous load as follows:

| BUS  | AMPS  | W    | KVAR |
|------|-------|------|------|
| DC 2 | 30 mA | 0.84 | -    |

**K. References**

- Bombardier Aerospace, Modification Summary, R700T400229, Rev. B.
- Bombardier Aerospace, Kit Drawing, KGC991-0026, Rev. - -.
- Bombardier Aerospace, Kit Drawing, KGC991-0028, Rev. A.
- Global 5000 Aircraft Maintenance Manual (AMM), Chapters 12, 20, 24, 25, 31 and 51.
- Global Structural Repair Manual, (SRM), Chapter 51.
- Global 5000 Wiring Manual (WM), Chapters 20, 21, 27, 31 and 33.
- Global BD-700 Illustrated Tool and Equipment Manual, Chapter 31.

**L. Other Publications Affected**

- Global 5000 Aircraft Maintenance Manual (AMM), Chapter 31.
- Global 5000 Illustrated Parts Catalog (IPC), Chapter 31.
- Global 5000 Wiring Manual (WM), Chapters 24 and 31.
- Global 5000 Flight Crew Operating Manual (FCOM).

**M. Equivalent Service Bulletin**

For the Global Express BD-700-1A10 aircraft, refer to SB 700-31-026.

## 2. ACCOMPLISHMENT INSTRUCTIONS

- NOTES: 1. All TASKs referenced in the instructions that follow are from the Global 5000 Aircraft Maintenance Manual, unless otherwise specified.
2. All references made to zones, access panels and/or doors, are from the Global 5000 BD-700 Aircraft Maintenance Manual, Chapter 6.

### A. Aircraft Setup

- (1) Remove electrical power from the aircraft. Refer to TASK 24-00-00-861-802.
- (2) Open the door 211AL of the forward equipment compartment.
- (3) Remove the closing skin panels of the avionics rack. Refer to TASK 25-72-01-000-801.
- (4) Remove lower right bulkhead panel 222ERW. Refer to TASK 25-12-13-000-801.
- (5) Obey all electrical/electronic safety precautions. Refer to TASK 24-00-00-910-801.
- (6) Open and tag the circuit breakers that follow:

| LOCATION | CB NO. | NAME          | ZONE |
|----------|--------|---------------|------|
| ACPC     | A1     | APU BATT HEAT | 252  |
| ACPC     | B7     | APU BATT CHGR | 252  |
| CCBP     | D3     | AV BATT HEAT  | 222  |
| CCBP     | C5     | AV BATT CHGR  | 222  |

- (7) Disconnect the avionics battery. Refer to TASK 24-32-00-040-801.
- (8) Disconnect the APU battery. Refer to TASK 24-32-00-040-802.
- (9) Remove DAU 4. Refer to TASK 31-42-01-000-801.
- (10) Remove JB6. Refer to TASK 24-00-13-000-801.

NOTE: If it is necessary to gain further access to complete the modification, refer to the appropriate AMM TASKs.

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**B. Modification**

- (1) Do the modification as given in kit drawing KGC991-0028 and as follows but do not install the QAR at this time:

NOTE: The connector, Part No. 83723/71R1415N included in the wire kit, must be mounted on the outside of the bracket sub-assembly as shown on sheet 2 of the kit drawing to ease removal for maintenance.

- (a) Assemble and identify the bracket sub-assembly, Part No. KGC991-0028-11. Use best shop practices for ink markings.
- (b) Temporarily position bracket sub-assembly KGC991-0028-11 on bulkhead FS280.00 and drill the holes that will be used to attach the bracket sub-assembly to the bulkhead.

NOTES: 1. Do not attach the bracket sub-assembly to the bulkhead at this time. Wires must be hooked up to connector A324J1 before the bracket sub-assembly is attached to the bulkhead.

2. The metric equivalent values for the applicable distances shown in the Kit Drawing are as follows: 1.5 in = 3.8 cm and 2.1 in = 5.3 cm.

- (c) Drill the hole for ground stud GS1434.

NOTE: The metric equivalent value for the applicable distance shown in the kit drawing is as follows: 1.58 in = 4.0 cm.

- (d) Install ground stud GS1434. Refer to TASK 51-80-00-910-803.
- (e) Install decal Part No. KGC991-1294-9. Refer to TASK 20-80-01-400-801.

- (2) Install wiring as follows (refer to Kit Drawing KGC991-0026);

NOTE: For the electrical connections, refer to the Wiring Manual, Chapter 20.

- (a) For existing wire pair FBM5071W-22 and FBM5071B-22, do as follows:
- (i) Cut the wires as close as possible and to a maximum of 3 in (7.6 cm) from connector A31CP1.
  - (ii) Remove and discard the short end of the wires (ends connected to A31CP1, pin H3 and pin J3). Remove and discard the related connector pins as well.
  - (iii) Slide a shield terminator, Part No. S063-2-55-22-5, over the loose end of the wire pair.
  - (iv) Connect the loose end of wire FBM5071W-22 to splice SP1226, and the loose end of wire FBM5071B-22 to splice SP1227.
- (b) For new wire pair FBMJ740W-22 and FBMJ740B-22, do as follows:
- (i) Connect wire FBMJ740W-22 to splice SP1226 and to connector A31CP1, pin H3. Connect wire FBMJ740B-22 to splice SP1227 and to connector A31CP1 pin J3.

NOTE: For A31CP1, use contacts Part No. 030-2259-000.

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- (c) For new wire pair FBM7030W-22 and FBM7030B-22, do as follows:
- (i) Slide a shield terminator Part No. S063-2-55-22-5, over each end of the wire pair.
  - (ii) Connect wire FBM7030W-22 to splice SP1226 and to connector P212, pin 98. Connect wire FBM7030B-22 to splice SP1227 and to connector P212, pin 99.
- NOTES: 1. Route the wire pair along with existing wires FBM3406 and FBM3408. Refer to the Wiring Manual, Chapter 27-32.
2. For P212, use contacts Part No. M39029/56-348.
- (d) For new wire pair CBM7030W-22 and CBM7030B-22, do as follows:
- (i) Slide a shield terminator Part No. S063-2-55-22-5 over each end of the wire pair.
  - (ii) Connect wire CBM7030W-22 to connector J212, pin 98, and to connector A324J1, pin 4. Connect wire CBM7030B-22 to connector J212, pin 99, and to connector A324J1, pin 5.
- NOTES: 1. Route the wire pair along with existing wires CBM0128. Refer to the Wiring Manual, Chapter 31-44.
2. Connector A324J1 is part of the new bracket sub-assembly KGC991-0028-11.
3. For J212, use contacts Part No. M39029/58-360.
4. For A324J1, use contacts Part No. M39029/5-115
- (e) Connect the four shield terminators to connectors A31CP1, P212 and J212 as follows:
- (i) Put the shield terminator in position and heat-shrink it onto the shield braid of the applicable wire pairs.
  - (ii) Crimp a terminal lug, Part No. MS 25036-103 (4 required), to the loose end of the pigtail bonding wires.
- NOTE: Make sure that the length of the pigtail bonding wire is not more than 4 in (10.2 cm).
- (iii) Terminate the loose end of the pigtail bonding wire to one of the attachment screws of the applicable connector backshell
- (f) For the shield terminator near the connector A324J1, do as follows:
- (i) Put the shield terminator in position and heat-shrink it onto the shield braid of wire pair CBM7030W-22 and CBM7030B-22.
  - (ii) Crimp a terminal lug, Part No. MS25036-103, to the loose end of the pigtail bonding wire.
  - (iii) Terminate the loose end of the pigtail bonding wire to the longest screw (Part No. MS35206-215) that attaches the connector A324J1 to the bracket Part No. KGC991-1294-13.

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(g) For new wire FBF7031-20, do as follows:

- (i) Connect the wire to connector P218, pin E, and to connector JB6BP1, pin 5.

NOTES: 1. Route the new wire along with existing wire FBF2272. Refer to the Wiring Manual, Chapter 21-52.  
2. For P218, use contact Part No. M39029/56-351.  
3. For JB6BP1, use contact Part No. 620310.

(h) For new wire CBF7031-20, do as follows:

- (i) Connect the wire to connector A324J1, pin 7, and to connector J218, pin E.

NOTES: 1. Route the wire along with existing wire CBF3411. Refer to the Wiring Manual, Chapter 33-11.  
2. For A324J1, use contact Part No. M39029/5-115.  
3. For J218, use contact Part No. M39029/58-363.

- (i) For new wire CBF7032N-20, connect one end of the wire to connector A324J1, pin 6.

NOTE: For A324J1, use contact Part No. M39029/5-115.

- (3) Attach bracket sub-assembly Part No. KGC991-0028-11 to bulkhead FS280.00. Refer to Kit Drawing KGC991-0028.

NOTE: Use blind rivets Part No. B0207005-4-02.

- (4) For the loose end of new wire CBF7032N-20, do as follows:

- (a) Crimp a terminal lug Part No. MS25036-103 to the loose end of the wire.  
(b) Connect the loose end of the wire to ground stud GS1434. Refer to TASK 51-80-00-910-803.

- (5) Install cable tie mount Part No. B0816033-002. Refer to Kit Drawing KGC991-0028.

- (6) Do the applicable cut out on bulkhead panel 222ERW. The cut out must provide a 0.045 in (1.14 mm) clearance all around the QAR unit. Refer to Kit Drawing KGC991-0028.

- (7) Install decal Part No. KGC991-1294-15 above cut out as shown on Kit Drawing KGC991-0028. Refer to TASK 20-80-01-400-801.

- (8) Install JB6. Refer to TASK 24-00-13-400-801

- (9) Install DAU 4. Refer to TASK 31-42-01-400-801

- (10) Install all other Line Replaceable Units (LRU) that were removed to do the modification.

- (11) Connect the avionics battery. Refer to TASK 24-32-00-040-801.

- (12) Connect the APU battery. Refer to TASK 24-32-00-040-802.

**C. Testing**

- (1) Remove the tags and close the circuit breakers that follow:

| LOCATION | CB NO. | NAME          | ZONE |
|----------|--------|---------------|------|
| ACPC     | A1     | APU BATT HEAT | 252  |
| ACPC     | B7     | APU BATT CHGR | 252  |
| CCBP     | D3     | AV BATT HEAT  | 222  |
| CCBP     | C5     | AV BATT CHGR  | 222  |

- (2) Do the operational test of the avionics battery. Refer to TASK 24-32-01-710-801.  
 (3) Do the operational test of the APU battery. Refer to TASK 24-32-09-710-801.  
 (4) Connect external ac power to the aircraft. Refer to TASK 24-41-00-861-801  
 (5) Do the operational test of the DAU4. Refer to TASK 31-42-00-710-801.  
 (6) Do the operational test of the JB6. Refer to TASK 24-00-13-710-801.  
 (7) Do the operational test of all the other LRU removed to do the modification as given in the applicable AMM TASKs.  
 (8) Set the circuit breaker that follows to OUT (refer to TASK 24-00-00-863-801):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

- (9) Measure the voltage at connector A324J1, between pin 6 and pin 7.  
 The measured voltage must be 0 volt.  
 (10) Set the circuit breaker that follows to IN (refer to TASK 24-00-00-863-802):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

- (11) Measure the voltage at connector A324J1, between pin 6 and pin 7.  
 The measured voltage must be 28 VDC.  
 (12) Set the circuit breaker that follows to OUT (refer to TASK 24-00-00-863-801):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

- (13) Remove the external ac power from the aircraft. Refer to TASK 24-41-00-861-802.

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(14) Install the QAR unit, Part No. 804-0105, onto the new connector A324J1. Refer to Kit Drawing KGC991-0028.

(15) Do the electrical bonding test between the QAR aircraft side connector and the aircraft structure. Refer to TASK 51-80-00-760-801.

NOTE: The measured resistance must be less than 2.5 milliohms.

(16) Connect the external ac power to the aircraft. Refer to TASK 24-41-00-861-801.

(17) Set the circuit breaker that follows to IN (refer to TASK 24-00-00-863-802):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

(18) Make sure that the QAR light emitting diode (LED) comes on.

(19) Do the operational test of the FDR system. Refer to TASK 31-31-00-710-801.

(20) Make sure the aircraft is weight-on-wheels and with external ac power on, press the pilot event marker button for 5 seconds to initialize DAU4B ARINC717 data transmission.

(21) Make sure that the FDR FAIL CAS message is not shown and that the QAR LED extinguishes.

(22) Set the circuit breaker that follows to OUT (refer to TASK 24-00-00-863-801):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | DAU4 CHB             | DC 1     |

(23) Make sure that the CAS message FDR FAIL is shown and the QAR LED comes on.

(24) Set the circuit breaker that follows to IN (refer to TASK 24-00-00-863-802):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | DAU4 CHB             | DC 1     |

(25) Remove the external ac power from the aircraft. Refer to TASK 24-41-00-861-802.

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**D. QAR Download**

- (1) Operators can download the required QAR data as follows;
  - (a) Set the circuit breaker that follows to OUT (refer to TASK 24-00-00-863-801):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

- (b) Connect one end of the download cable included with GSE 31X-31-04 to the connector on the front of the QAR and the other end to the laptop.
- (c) Download the QAR data as required using GSE 31X-31-04 installed on a laptop. Refer to the GSE 31X-31-04 user manual.
- (d) When the download is complete, disconnect the cable from the QAR front connector and from the laptop.
- (e) Set the circuit breaker that follows to IN (refer to TASK 24-00-00-863-802):

| SYSTEM NAME | CIRCUIT BREAKER NAME | BUS NAME |
|-------------|----------------------|----------|
| IND/RECORD  | FDR                  | DC 2     |

**E. Close-out**

- (1) Install bulkhead panel 222ERW. Refer to TASK 25-12-13-400-801.
- (2) Install the closing skin panels of the avionics rack. Refer to TASK 25-72-01-400-801.
- (3) Remove all tools, equipment, and unwanted materials from the aircraft.

**F. 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 Support (BBACS).

### 3. MATERIAL INFORMATION

#### A. Kit

Kit 700K31-026 is necessary to do this Service Bulletin and contains the parts that follow:

| NEW PART NO.  | QTY | ITEM            | USED PART NO. | INSTRUCTIONS - DISPOSITION |
|---|-----|-----------------|---------------|----------------------------|
| B0207005-4-02   | 7   | Blind Rivet     | -             | -                          |
| B0816033-002  | 2   | Cable Tie Mount | -             | -                          |
| KGC991-1293-1/01  | 1   | Wire Kit        | -             | -                          |
| KGC991-1294-13 or<br>(KGC991-1294-13S<br>alternate part). | 1   | Bracket         | -             | -                          |
| KGC991-1294-15  | 1   | Decal           | -             | -                          |
| KGC991-1294-9   | 1   | Decal           | -             | -                          |
| MS35206-214   | 3   | Screw           | -             | -                          |
| MS35206-215   | 1   | Screw           | -             | -                          |
| MS35207-265   | 1   | Ground Stud     | -             | -                          |
| MS35338-43  | 3   | Lock Washer     | -             | -                          |
| MS35650-302   | 2   | Nut             | -             | -                          |
| M85528/2-14A  | 1   | Mounting Device | -             | -                          |
| NAS1149D0332J   | 4   | Washer          | -             | -                          |
| NAS1149DN432J   | 5   | Washer          | -             | -                          |

- 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.

#### B. Parts

The part that follows is necessary to do this Service Bulletin and is available from Bombardier Aerospace Parts Logistics, Montréal:

| ITEM | PART NUMBER | QUANTITY |
|------|-------------|----------|
| QAR  | 804-0105    | 1        |

**NOTE:** The part number for the item listed above is subject to change without revision to this Service Bulletin. In case of discrepancy between this list and any other list, the Illustrated Parts Catalog prevails and shall be used to determine the latest part number.

MODEL BD-700-1A11 (BD-700)

The part that follows is necessary to download QAR data after the modification is done and is available from Bombardier Aerospace Parts Logistics, Montréal:

| ITEM             | PART NUMBER | QUANTITY |
|------------------|-------------|----------|
| QAR Download Kit | 805-0005    | 1        |

- NOTES:**
- For operators that have more than one aircraft with a QAR installed, only one download kit is necessary.
  - Refer to the BD-700 Illustrated Tool and Equipment Manual for information on related Ground Support Equipment (GSE) 31X-31-04.

**C. Material**

The materials that follow, or equivalent, are necessary to do this Service Bulletin. These can be purchased from a local supplier. Bombardier Aerospace does not pay for these consumables.

| DESCRIPTION                                   | PART No./NAME   | SPECIFICATION | QUANTITY     | SUPPLIER (See Note) |
|---|---|---------------|--------------|---------------------|
| Adhesive, Paste, Epoxy<br>CT: 24 hrs          | Hysol®<br>EA<br>9309.3NA<br>or<br>Hysol®<br>EA9345 AB | -             | As Necessary | Code: A             |
| Coating, Chemical Conversion<br>CT: 3 minutes | Alodine 1000  | MIL-C-81706   | As Necessary | Code: A             |
| Solvent                                       | Diestone DLS<br>or<br>Diestone HFP<br>or<br>HFE-71DA  | -             | As Necessary | Code: B             |
| Tie Wrap                                      | -   | -             | As Necessary | Code: C             |

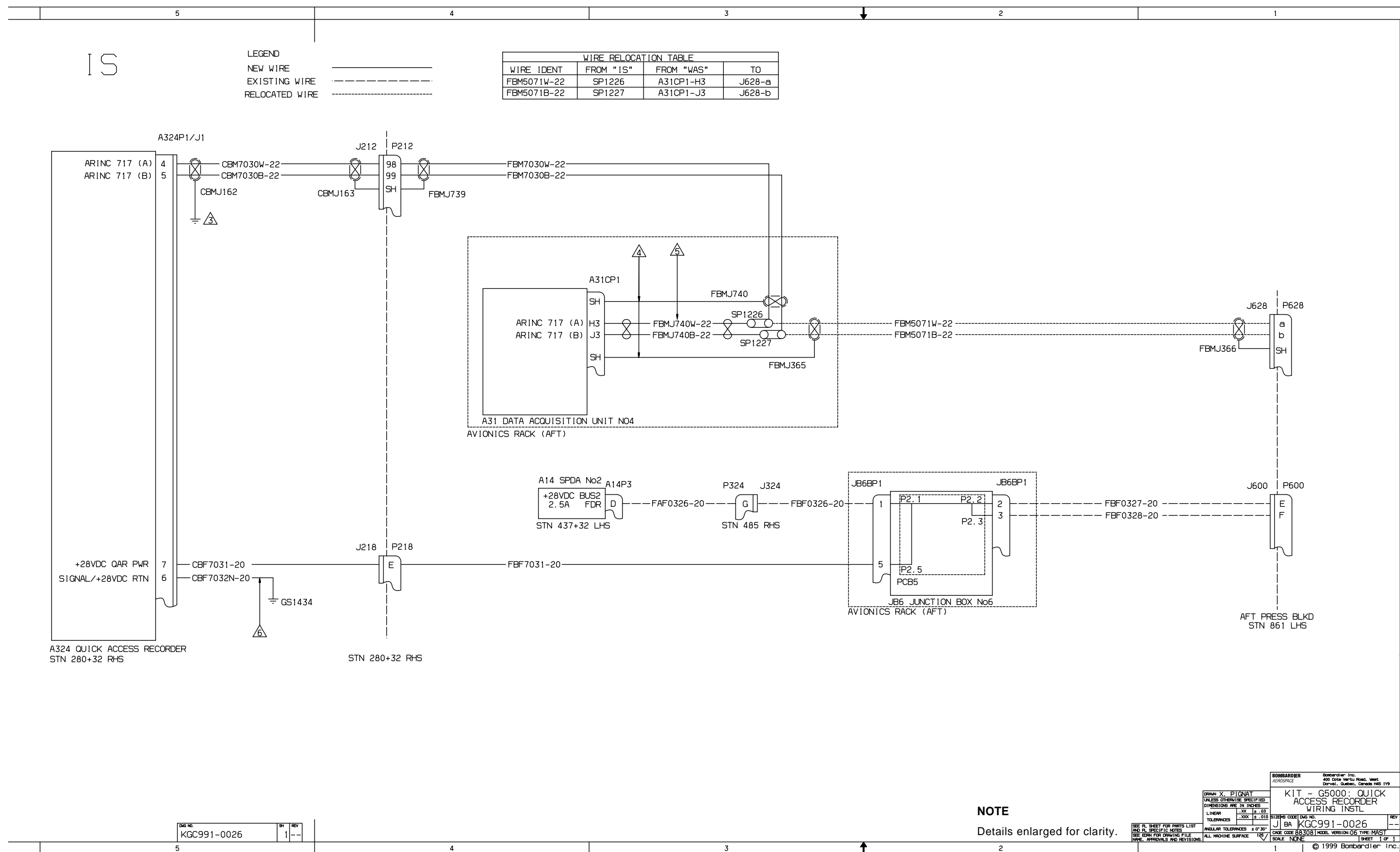
- NOTES:**
- Refer to the table that follows for each supplier's address listed by codes.
  - The Curing Time (CT), if applicable, for each consumable material is indicated with the description of each product.
  - At time of release of this Service Bulletin, the information on the supplier was valid 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.

| <b>SUPPLIERS ADDRESSES BY CODES</b>  |   |
|--|---|
| <p><b>Code: A</b></p> <p>Henkel Corporation<br/>Aerospace Group<br/>2850 Willow Pass Road<br/>Bay Point, CA 94565<br/>U.S.A.<br/>Tel.. (925) 458-8000<br/>Fax: (925) 458-8030<br/><a href="http://www.aerospace.henkel.com">www.aerospace.henkel.com</a></p> | <p><b>Code: B</b></p> <p>MagChem Inc<br/>1271 Ampere<br/>Boucherville, Que.<br/>Canada, J4B 5Z5<br/>Tel.: (450) 655-1344<br/><a href="http://www.magchem.com">www.magchem.com</a></p> <p>or</p> <p>3M Product Information Center<br/>3M Center,<br/>Building 0304-01-01<br/>St. Paul, MN 55144-1000<br/>U.S.A.<br/>Tel.: 1-800-364-3577<br/>Tel.: (612) 737-6501<br/><a href="http://www.3m.com">www.3m.com</a></p> |
| <p><b>Code: C</b></p> <p>Commercially Available</p>  |   |

**D. Publications**

No publications required.





| WIRE RELOCATION TABLE |           |            |        |
|-----------------------|-----------|------------|--------|
| WIRE IDENT            | FROM "IS" | FROM "WAS" | TO     |
| FBM5071W-22           | SP1226    | A31CP1-H3  | J628-a |
| FBM5071B-22           | SP1227    | A31CP1-J3  | J628-b |

LEGEND  
 NEW WIRE ————  
 EXISTING WIRE - - - -  
 RELOCATED WIRE - · - · -

IS

**NOTE**  
 Details enlarged for clarity.

|                            |          |                                |                                     |
|----------------------------|----------|--------------------------------|-------------------------------------|
| DRAWN X. PIGNAT            |          | BOMBARDIER INC.                |                                     |
| UNLESS OTHERWISE SPECIFIED |          | 400 Grosse Pointe Road, West   |                                     |
| DIMENSIONS ARE IN INCHES   |          | Dorval, Quebec, Canada H4S 1Y9 |                                     |
| LINEAR                     | ±.005    | SIZE CODE                      | Q40                                 |
| TOLERANCES                 | ±.010    | REV                            | ---                                 |
| ANGULAR TOLERANCES         | ± 0° 30' | U                              | BA KGC991-0026                      |
| ALL MACHINE SURFACES       | TR       | CAGE CODE                      | BA3081 MODEL VERSION: 05 TYPE: MAST |
|                            |          | SCALE                          | NONE                                |
|                            |          | SHEET                          | 1 OF 1                              |

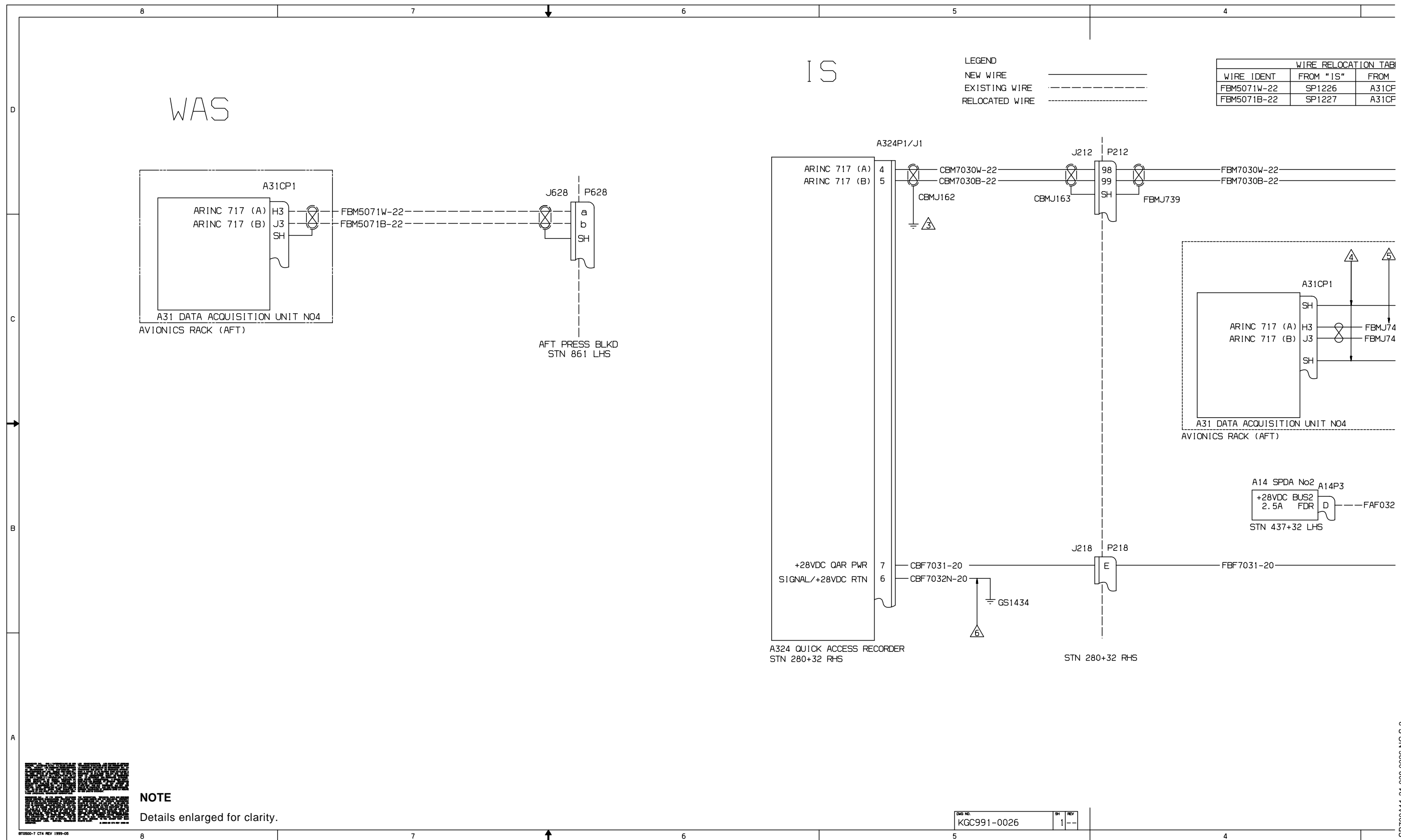
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**KGC991-0026** – Kit – Quick Access Recorder Wiring Installation  
 (Sheet 1 of 1, Rev. - -)

**700-1A11-31-008**  
 Page 16 of 23

Basic Issue: Aug 09/2006  
 Revision 01: Dec 14/2009

KGC991-0026  
 SBT00A11-31-008-0026-NC-S-1



**NOTE**  
 Details enlarged for clarity.

|             |      |
|-------------|------|
| DOC NO.     | REV  |
| KGC991-0026 | 1 -- |

**KGC991-0026** – Kit – Quick Access Recorder Wiring Installation  
 (Sheet 1 of 1, Rev. - -, continued)

**700-1A11-31-008**

Basic Issue: Aug 09/2006  
 Revision 01: Dec 14/2009

SB700A11-31-008-0026-NC-S-2

**BOMBARDIER**  
**GLOBAL 5000**  
 GLOBAL VISION FLIGHT DECK

**MODEL BD-700-1A11 (BD-700)**

| QTY REQ'D PER RH LH |    | FIND NO. | ZONE SHEET | CAGE CODE | PART, DASH OR IDENTIFYING NO. | DESCRIPTION                       | SIZE | MATERIAL SPEC | FNSH CODE | REV |
|---------------------|----|----------|------------|-----------|-------------------------------|-----------------------------------|------|---------------|-----------|-----|
|                     | 27 | 1        | SHT 1      | 88308     | KGC991-0028-7                 | QUICK ACCESS RECORDER (QAR) INSTL |      |               |           | -A  |
|                     | 2  |          |            |           |                               |                                   |      |               |           |     |
|                     | 1  | 28       | 5C         | 88308     | KGC991-0028-11                | BRACKET SUB-ASSY                  |      |               |           |     |
|                     | 7  | 4        | 5C         | 88308     | B0207005-4-02                 | BLIND RIVET                       |      |               |           | Δ   |
|                     | 1  | 5        | 5C         | 1JSZ6     | 804-0105                      | QUICK ACCESS RECORDER (QAR)       |      |               |           | Δ   |
|                     | 2  | 6        | 5C         | 88308     | B0816033-002                  | CABLE TIE MOUNT                   |      |               |           | Δ   |
|                     |    | 7        |            |           |                               |                                   |      |               |           |     |
|                     |    | 8        |            |           |                               |                                   |      |               |           |     |
|                     |    | 9        |            |           |                               |                                   |      |               |           |     |
|                     | 4  | 10       | VAR        | 80205     | NAS1149D0332J                 | WASHER                            |      |               |           | Δ   |
|                     | 1  | 11       | 5A         | 96906     | MS35207-265                   | GROUND STUD                       |      |               |           |     |
|                     | 3  | 12       | 5A         | 96906     | MS35338-43                    | LOCK WASHER                       |      |               |           | Δ   |
|                     | 2  | 13       | 5A         | 96906     | MS35650-302                   | NUT                               |      |               |           |     |
|                     |    | 14       |            |           |                               |                                   |      |               |           |     |
|                     | 1  | 15       | 5A         | 88308     | KGC991-1294-9                 | DECAL (GS1434)                    |      |               |           |     |
|                     | 1  | 16       | 1B         | 88308     | KGC991-1294-15                | DECAL (QUICK ACCESS RECORDER)     |      |               |           |     |
|                     |    | 17       |            |           |                               |                                   |      |               |           |     |
|                     |    | 29       | 3B         | 88308     | KGC991-0028-11                | BRACKET SUB-ASSY                  |      |               |           |     |
|                     |    | 19       |            |           |                               |                                   |      |               |           |     |
|                     | 1  | 30       | 3B         | 88308     | KGC991-1294-13                | BRACKET                           |      |               |           |     |
|                     | 1  | 21       | 3B         | 96906     | M83723/71R1415N               | CONNECTOR                         |      |               |           |     |
|                     | 5  | 22       | 3B         | 80205     | NAS1149DN432J                 | WASHER                            |      |               |           | Δ   |
|                     |    | 23       |            |           |                               |                                   |      |               |           |     |

LES RENSEIGNEMENTS, LES DONNÉES ET LESSEINS TECHNIQUES DIVULGÉS DANS LES PRÉSENTS SONT LA PROPRIÉTÉ DE BOMBARDIER INC. ET NE DOIVENT ÊTRE DIVULGUÉS À UN TROISIÈME PARTI NI UTILISÉS PAR UN TROISIÈME PARTI SANS LE CONSENTEMENT ÉCRIT DE BOMBARDIER INC. LES DONNÉES ET LESSEINS TECHNIQUES DIVULGUÉS SONT SOUS LE CONTRÔLE DE BOMBARDIER INC. ET NE DOIVENT ÊTRE DIVULGUÉS À UN TROISIÈME PARTI NI UTILISÉS PAR UN TROISIÈME PARTI SANS LE CONSENTEMENT ÉCRIT DE BOMBARDIER INC.

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DRAWN BY: X. PIGNAT  
 SHEET 1 OF 4  
 MS CODE BA  
 PL KGC991-0028  
 TITLE  
 KIT - G5000: INSTALLATION OF QUICK ACCESS RECORDER (QAR)  
 CAGE CODE 3AB48  
 MODEL VERSION: 03  
 MODEL TYPE: MAST

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ID: GX KGC991-0028 -A REL MAST 3 2008-07-17  
 SB700A11-31-008-0028-A-S-PL  
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**PL KGC991-0028** – Kit – Installation of Quick Access Recorder (QAR)  
 (Sheet 1 of 4, Rev. A)

Basic Issue: Aug 09/2006  
 Revision 01: Dec 14/2009

**700-1A11-31-008**  
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**BOMBARDIER**  
**GLOBAL 5000**  
 GLOBAL VISION FLIGHT DECK

MODEL BD-700-1A11 (BD-700)

| <b>BOMBARDIER</b><br><b>AEROSPACE</b> |              | Bombardier Inc.<br>400 Cote Vertu Road, West<br>Dorval, Quebec, Canada H4S 1Y9 |            | DRAWN BY:<br>X. PIGNAT |                               | SHEET<br>2        | MS CODE<br>BA | PL KGC991-0028   | REV<br>-A |      |
|---------------------------------------|--------------|--|------------|------------------------|-------------------------------|-------------------|---------------|------------------|-----------|------|
|                                       |              |  |            | CAGE CODE 3AB48        |                               | MODEL VERSION: 03 |               | MODEL TYPE: MAST |           |      |
| QTY PER RH                            | REQ'D PER LH | FIND NO.   | ZONE SHEET | CAGE CODE              | PART, DASH OR IDENTIFYING NO. | DESCRIPTION       | SIZE          | MATERIAL SPEC    | FNSH CODE | NOTE |
|                                       | 3            | 24   | 3B         | 96906                  | MS35206-214                   | SCREW             |               |                  |           |      |
|                                       | 1            | 25   | 3B         | 96906                  | MS35206-215                   | SCREW             |               |                  |           |      |
|                                       | 1            | 26   | 3B         | 96906                  | M85528/2-14-A                 | MOUNTING DEVICE   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |
|                                       |              |  |            |                        |                               |                   |               |                  |           |      |

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ID: GX KGC991-0028 -A REL MAST 3 2008-07-17  
 SB700A11-31-008-0028-A-S -S2-PL

**PL KGC991-0028** – Kit – Installation of Quick Access Recorder (QAR)  
 (Sheet 2 of 4, Rev. A)

Basic Issue: Aug 09/2006  
 Revision 01: Dec 14/2009

**700-1A11-31-008**  
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**MODEL BD-700-1A11 (BD-700)**

**BOMBARDIER**  
**AEROSPACE**

Bombardier, Inc.  
 400 Cote Vertu Road, West  
 Dorval, Quebec, Canada H4S 1Y9

|                        |            |                                    |                |           |
|------------------------|------------|------------------------------------|----------------|-----------|
| DRAWN BY:<br>X. PIGNAT | SHEET<br>3 | MS CODE<br>BA                      | PL KGC991-0028 | REV<br>-A |
| CAGE CODE 3AB48        |            | MODEL VERSION: 03 MODEL TYPE: MAST |                |           |

**NOTES:**

1. THE PURPOSE OF THIS KIT IS TO INSTALL A QUICK ACCESS RECORDER ON BULKHEAD 280+32.  
 QTY OF 1 KIT PER AIRCRAFT.

2. FINISH CODES PER BD-700 SRM CHAPTER 51-01-04.

- 3. N/A
- 4. N/A
- 5. N/A

⚠ ELECTRICAL BONDING PER BD-700 AMM CHAPTER 51-80-00. FINISH PER A047.  
 ⚠ PREPARE SURFACES AND BOND CABLE TIE MOUNT WITH EPOXY PER BD-700 AMM CHAPTER 51-22.

⚠ LOCATE KGC991-1294-11 BRACKET SUB-ASSY APPROXIMATELY AS SHOWN TO MAXIMIZE CLEARANCE WITH EXISTING WIRING HARNESSES AND TO ACHIEVE A MIN PITCH OF 4D WITH EXISTING FASTENERS. ENSURE A MIN CLEARANCE OF 0.5" BETWEEN WIRE HARNESSES AND BRACKET SUB-ASSY (WITH OAR INSTALLED).

9. N/A

10. INSTALL BLIND RIVETS PER BD-700 SRM CHAPTER 51-42-20.

11. INSTALL FASTENERS PER BD-700 SRM CHAPTER 51-41-04.

⚠ 10% SPARES INCLUDED.

13. THIS DRAWING IS TO BE DONE IN CONJUNCTION WITH WIRING KIT KGC991-0026.

⚠ CUT TRIM PANEL GC722-0147 (OR GC722-0047) TO PROVIDE .045" CLEARANCE WITH OAR (ALL AROUND).  
 REF VIEW B (ZONE 1A SHEET 1).

BT0501-2 CT14 REV 1999-01

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ID: GX KGC991-0028 -A REL MAST 3 2008-07-17

SB700A11-31-008-0028-A-S -S3-PL

**PL KGC991-0028 – Kit – Installation of Quick Access Recorder (QAR)**  
 (Sheet 3 of 4, Rev. A)

**MODEL BD-700-1A11 (BD-700)**

|                        |  |               |                |           |
|------------------------|--|---------------|----------------|-----------|
| DRAWN BY:<br>X. PIGNAT | SHEET<br>4   | MS CODE<br>BA | PL KGC991-0028 | REV<br>-A |
|                        | CAGE CODE 3AB48 MODEL VERSION: 03 MODEL TYPE: MAST |               |                |           |

Bombardier Inc.  
 400 Cote Vertu Road, West  
 Dorval, Quebec, Canada H4S 1Y9

**BOMBARDIER**  
**AEROSPACE**

NOTES CONT'D:

15. ROUTE WIRING AS FOLLOWS:
- ROUTE NEW WIRES CBM7030 (REF KGC991-0026) ALONG EXISTING WIRES CBM0128 (REF BD-700 WIRING MANUAL CHAPTER 31-44) FROM QAR (P/N 804-0105) TO F. S. 280 +32 (RHS) (J212)
  - ROUTE NEW WIRES FBM7030 (REF KGC991-0026) ALONG EXISTING WIRES FBM3406 & FBM3408 (REF BD-700 WIRING MANUAL CHAPTER 27-32) FROM F. S. 280+32 (RHS) (P212) TO AFT AVIONICS RACK (DAU#4).
  - ROUTE NEW WIRE CBF7031 (REF KGC991-0026) ALONG EXISTING WIRE CBF3411 (REF BD-700 WIRING MANUAL CHAPTER 33-11) FROM SIDE PLATE (GC547-0075) R. B. L 34.05 (ABOVE FLOOR) TO F. S. 280+32 (RHS) (J218)
  - ROUTE NEW WIRE FBF7031 (REF KGC991-0026) ALONG EXISTING WIRE FBF2272 (REF BD-700 WIRING MANUAL CHAPTER 21-52) FROM F. S. 280+32 (RHS) (P218) TO AFT AVIONICS RACK (JB6)
- △ LOCATE GROUND STUD APPROXIMATELY AS SHOWN ENSURING A MIN EDGE DISTANCE OF 2D. DRILL HOLE Ø. 192/.198. INSTALL GROUND STUD PER BD-700 AMM CHAPTER 51-80-00.
- △ INSTALL DECAL PER BD-700 AMM CHAPTER 20-80.
18. -1 INSTALLATION & -3 SUB-ASSY NOT SHOWN IN REV -C AND SUBS. REFER TO REV -- FOR ANY INFORMATION ON PREVIOUS -1 INSTALL & -3 SUB-ASSY.

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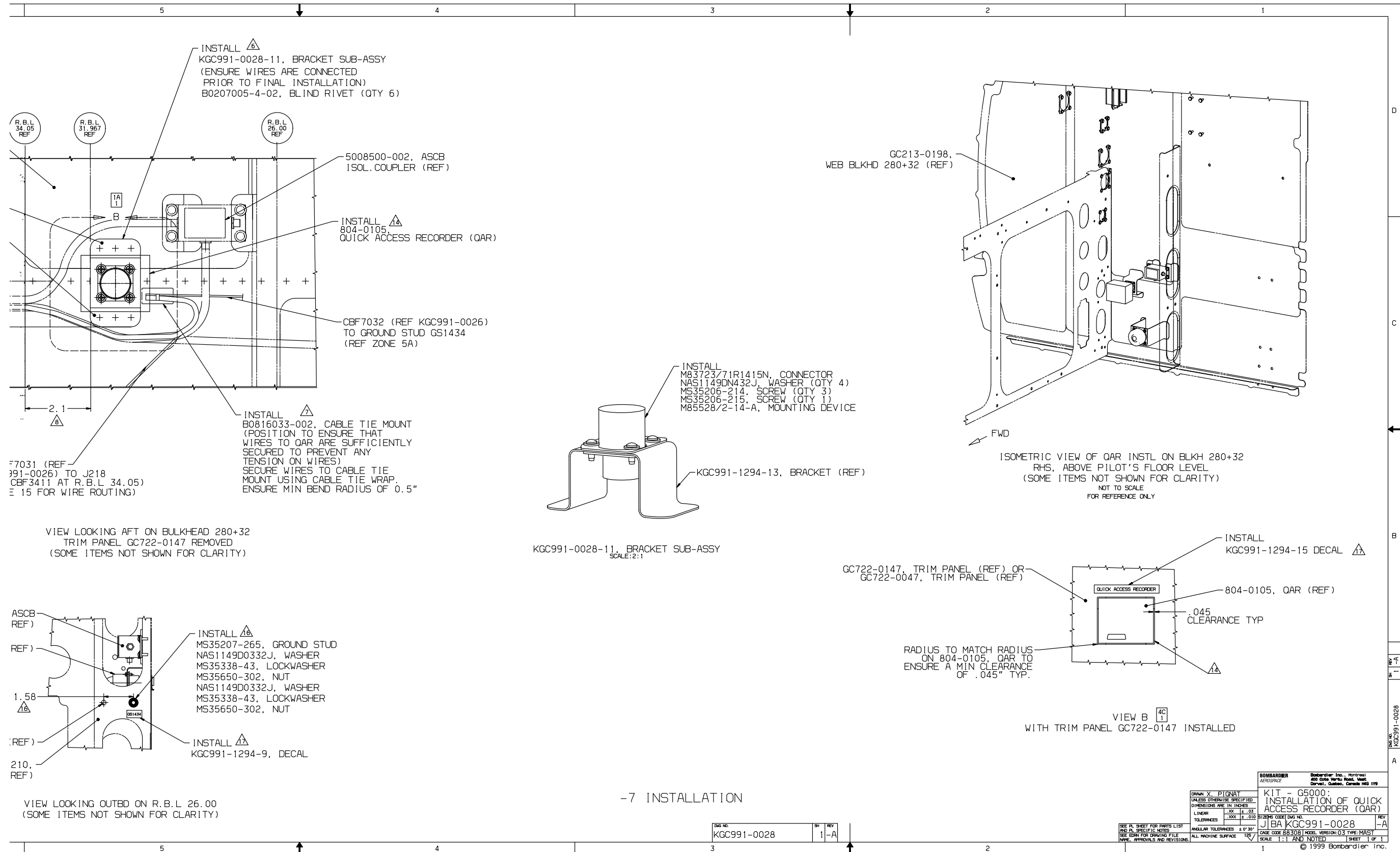
BT0501-2 CT4 REV 1999-01

ID: GX KGC991-0028 -A REL MAST 3 2008-07-17  
 SB700A11-31-008-0028-A-S -S4-PL

**PL KGC991-0028** – Kit – Installation of Quick Access Recorder (QAR)  
 (Sheet 4 of 4, Rev. A)

Basic Issue: Aug 09/2006  
 Revision 01: Dec 14/2009

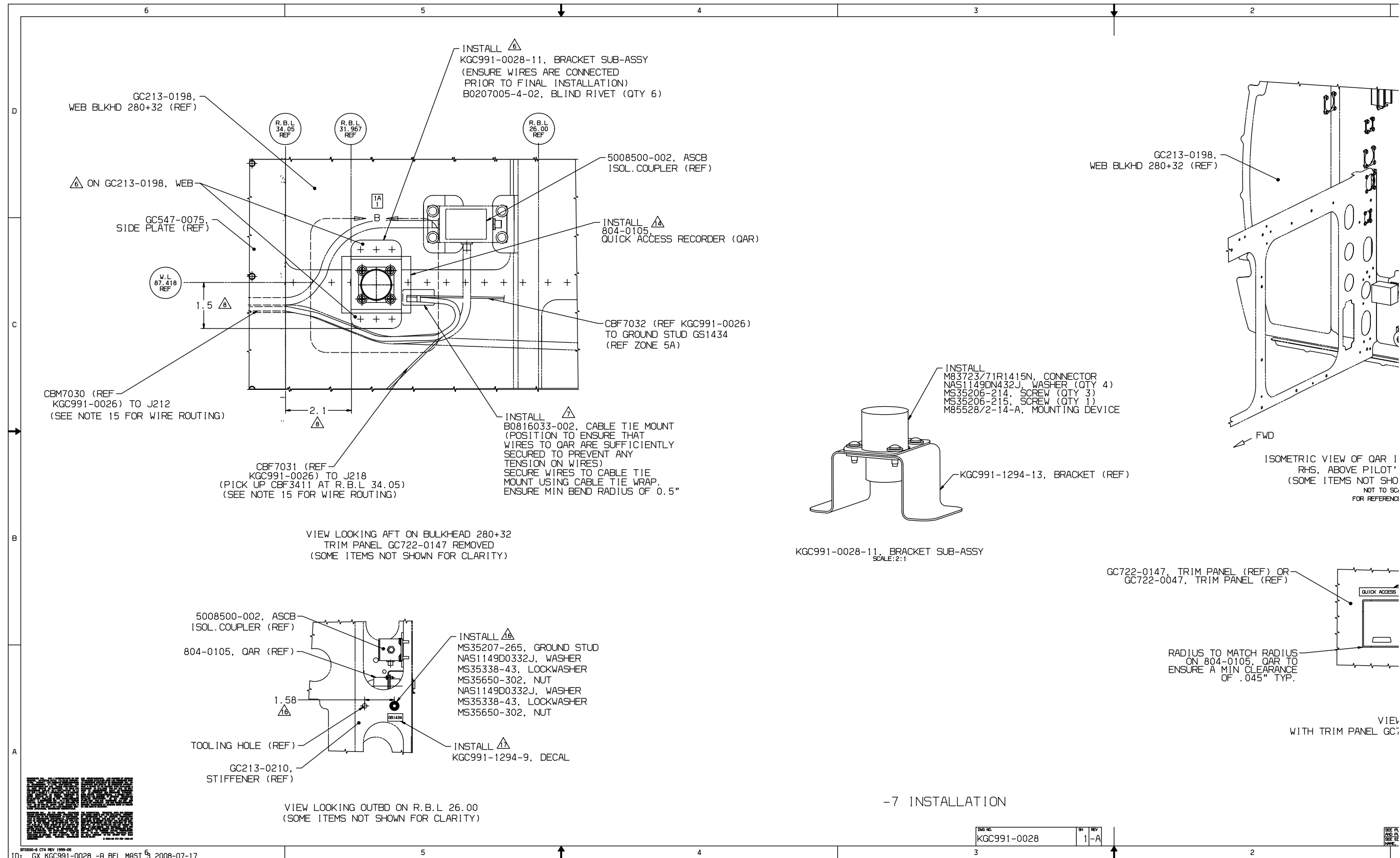
**700-1A11-31-008**  
 Page 21 of 23



**KGC991-0028** – Kit – Installation of Quick Access Recorder (QAR)  
(Sheet 1 of 1, Rev. A)

Basic Issue: Aug 09/2006  
Revision 01: Dec 14/2009

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Page 22 of 23



**KGC991-0028** – Kit – Installation of Quick Access Recorder (QAR)  
(Sheet 1 of 1, Rev. A, continued)

Basic Issue: Aug 09/2006  
Revision 01: Dec 14/2009

**700-1A11-31-008**  
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## SERVICE BULLETIN EVALUATION FORM

(Your ideas will help us provide better bulletins)

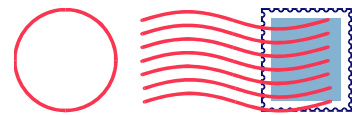
**SERVICE BULLETIN:** 700-1A11-31-008    **ISSUE:** Rev. 01    **DATED:** Dec 14/2009

**TITLE:** Modification – Flight Data Recording-System – Introduction of a Quick Access Recorder

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

|  |  |   |
|--|--|---|
| <i>For<br/>administrative<br/>use only</i> | PLEASE SUPPLY US WITH THE FOLLOWING DATA AND FAX TO: (514) 855-7634<br>or<br>E-MAIL TO: <a href="mailto:MTL_BBAD_SB_Evaluation@aero.bombardier.com">MTL_BBAD_SB_Evaluation@aero.bombardier.com</a> |   |
|  | 522LP01  | OPERATOR: _____<br>AIRCRAFT SERIAL NO.: _____<br>TELEPHONE: _____<br>FACSIMILE: _____<br>NAME: (Please print) _____ |

**THANK YOU FOR ANSWERING THIS EVALUATION FORM!**  
**UPON COMPLETION OF THIS EVALUATION FORM, PLEASE FOLD, AND RETURN**



**Bombardier Business Aircraft Customer Support (BBACS)**

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

Attention: Customer Support Department

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## SERVICE BULLETIN INCORPORATION SHEET – “700-1A11-31-008”

**BOMBARDIER  
 SUBMISSION**

Upon completion of the Service Bulletin, please fill-in, fax to (514) 855-8798 or e-mail to Fracas at [fracas.montreal@aero.bombardier.com](mailto:fracas.montreal@aero.bombardier.com)

**If your aircraft is registered on CAMP and you are reporting to them, please do not send the incorporation sheet to Bombardier.** If your aircraft is on another tracking system, please contact Bombardier to make arrangements for automated data submission.

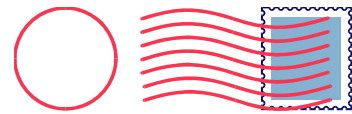
| Service Bulletin Number | Rev. | * Parts Completed | COMPLIED WITH            |                          |                          | Remarks/Reason |
|-------------------------|------|-------------------|--------------------------|--------------------------|--------------------------|----------------|
|                         |      |                   | YES                      | NO                       | N/A                      |                |
| 700-1A11-31-008         | 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"/> | <input type="checkbox"/> | _____          |

**Actual hours to accomplish Service Bulletin:** \_\_\_\_\_

\* 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.

|   |  |
|---|--|
| Aircraft Serial No. _____                   | Aircraft Reg. No. _____                  |
| Airframe Hours: _____                       | Airframe Landings _____                  |
| S.B. Incorporation date _____<br>(dd/mm/yy) | Service Order No. _____                  |
| Facility Incorporating S.B. _____           |  |
| Name _____                                  | Signature _____ Date _____<br>(dd/mm/yy) |
| Signature not required if sent by E-Mail    |  |



**Bombardier Business Aircraft Customer Support (BBACS)**

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

Attention: Customer Support Department, Maintenance Engineering

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