

# ADVISORY WIRE

## AW700-27-0256, Rev. 4

**DATE:** July 23, 2009

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**FROM:** BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

### ADVISORY WIRE

**REFERENCE NO:** AW700-27-0256, Rev. 4

**SUBJECT:** Elevator PCU Bolt Sheared

**EFFECTIVITY:** BD700-1A10 (9002 - 9999)  
BD700-1A11 (9127 - 9999)

**ATA:** 27-33

**This Advisory Wire contains Maintenance Information**

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### 1.0 REFERENCES:

- 1.1 Advisory Wire AW700-27-0256 Rev. 1, Rev. 2, Rev. 3
- 1.2 Service Bulletin A700-27-066, Rev. 02 or A700-1A11-27-024, Rev. 02
- 1.3 Service Bulletin 700-27-067, Rev. 01 or 700-1A11-27-025, Rev. 01
- 1.4 Transport Canada Airworthiness Directive CF-2008-31
- 1.5 FAA Airworthiness Directive [2008-24-12](#) – Available on the FAA website at <http://rgl.faa.gov/> > Airworthiness Directives > in the Search window, enter 2008-24-12.
- 1.6 FAA Airworthiness Directive [2009-15-03](#) – Available on the FAA website at <http://rgl.faa.gov/> > Airworthiness Directives > in the Search window, enter 2009-15-03.

This Advisory Wire is available on the CIC website (<http://www.cic.bombardier.com>) within the Technical Library > Advisory /Alert Wires > Model Global > AW700-27-0256.

These Service Bulletins available on the CIC website (<http://www.cic.bombardier.com>) within the Technical Library > Service Bulletins > for Bombardier > for Global > 700 or Global 5000> A700-27-066 or A700-1A11-27-024 or 700-27-067 or 700-1A11-27-025.

### 2.0 INTRODUCTION:

This Advisory Wire revision is to inform Operators that the FAA has issued an amended Airworthiness Directive (AD) (Ref. 1.6) to mandate the inspection and lubrication of the elevator Power Control Units (PCU) and attaching hardware per Service Bulletins (SB's) (Ref. 1.2 & Ref. 1.3).

### 3.0 DESCRIPTION:

An Operator reported that during a 4C Check (60 Month Inspection), while performing the inspection of the elevator PCU attaching hardware, the maintenance crew found a sheared bolt (P/N NAS 6710DU32) attaching the PCU to the elevator.

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After inspecting the other three PCUs, they found the Left-hand (L/H) outboard PCU slotted entry bearing also seized.

All parts were replaced and aircraft returned into service.

Since the above event, Bombardier has issued Service Bulletins (Ref. 1.2 and Ref. 1.3), Transport Canada (TC) has released the AD (Ref. 1.4) and the FAA has released AD 2008-24-12 (Ref. 1.5). On July 15 2009, the FAA released AD 2009-15-03 (Ref. 1.6). This AD 2009-15-03 supersedes AD 2008-24-12 and becomes effective August 19, 2009.

In summary, paragraphs (f)(1) through (f)(5), paragraph (f)(7), and paragraphs (g)(1) and (g)(2) of the AD were amended to add the revised service information (Ref. 1.2 and Ref. 1.3). They also revised paragraph (f)(6) and added a new paragraph (g)(3) to the AD to include credit for accomplishing the actions before the effective date of the AD using the previously issued service information. No additional work is necessary for airplanes on which these SB's (Ref 1.3) are incorporated before the effective date of the AD.

Therefore, incorporation of Bombardier SB's (Ref 1.3) constitutes the terminating action for the FAA AD (Ref 1.6) and the TC AD (Ref 1.4).

Paragraph (f)(3) of the FAA AD (Ref 1.6) and sections A.1, A.2, A.3 of the TC AD (Ref 1.4) requires repeating the inspections (Ref 1.2) until the terminating action (Ref 1.3) is performed.

Bombardier recommends scheduling the aforementioned SBs (Ref. 1.2 and 1.3) through the In Service Implementation Team via Christian Hade at (514) 855-7739.

#### **4.0 ACTION:**

Operators are required to schedule the SBs to comply with the AD's (Ref. 1.4 and 1.6) by August 19, 2009.