

# ADVISORY WIRE

## AW700-24-0335

**DATE:** April 15, 2011

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**FROM:** BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

### ADVISORY WIRE

**REFERENCE NO:** AW700-24-0335

**SUBJECT:** Cabin Power Push Button Annunciator (PBA)

**EFFECTIVITY:** Global Express XRS aircraft (9167 to 9999)  
Global 5000 aircraft (9127, 9130, 9140 to 9999)

**ATA:** 24-52

**This Advisory Wire contains Operational and Maintenance Information**

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### 1.0 REFERENCES:

1.1 AMM Task 24-00-00-863-803: Opening of the Cabin Feeder Non-Thermal Circuit Breakers, released February 28, 2011 (TR24-49 Global Express, TR24-24 Global 5000 and TR24-24 Global XRS)

### 2.0 INTRODUCTION:

This Advisory Wire is to inform operators of a possible dormant failure of the cabin power push button annuciator (PBA).

### 3.0 DESCRIPTION:

It has been noticed on some aircraft during maintenance, that power was still available on some units in the cabin with the cabin power PBA in OFF position. The investigation revealed a wire not properly locked into a terminal module, avoiding the shutdown signal to the AC and DC Power Distribution Equipment (PDE). Since the cabin power PBA removes the power from various sources, this condition revealed that there might be possible dormant failure modes in the system, resulting in misleading indication of electrical cabin power cut off, while power may actually be available. The principal concern is that the PBA indication is provided by monitoring the switch position only, rather than by verifying that all commands have been carried out.

### 4.0 ACTION:

In order to prevent hazardous situations or damage to equipment during maintenance, Bombardier recommends that operators put all the AC and DC cabin bus feeder to OFF using the EMS CDU (ref 1.1) to ensure that no power remains available in the cabin. Bombardier is currently investigating the issue and will inform the operators when a corrective action is available.