

Advisory Wire

REFERENCE NO: AW700-30-0292, Rev. 03

ATA: 30-81

EFFECTIVITY: Global Express
Global XRS
Global 5000
Global 5000 feat. Vision Flight Deck
Global 6000
Global 5500
Global 6500

**SUBJECT: Ice Detector Removals Due to
Generator Switching**

1. REFERENCES:

- 1.1 SmartFix Plus™ Fault Code 3615423BMC and 3616423BMC
- 1.2 Bombardier Flight Operation Notifications Manual (FONM), ICE-003-NC, ICE DETECTOR FAULT or ICE DETECTOR FAIL CAS message posted on ground.

2. INTRODUCTION:

There have been some Ice Detector removals due to system faults during generator switching.

Revision 03 of this Advisory Wire (AW) is to clarify that the FON ICE-003-NC (Ref 1.2) is ONLY applicable to Global aircraft equipped with Vision avionics (Collins).

3. DESCRIPTION:

Investigation has shown that some Ice Detectors are sensitive to generator switching, causing “ICE DETECTOR FAULT” or “ICE DETECTOR FAIL” CAS message to be posted on ground.

Note that the Ice Detectors removed following these conditions are typically identified as No Fault Found (NFF) by the vendor.

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4. ACTION:

To prevent unnecessary removals, Bombardier and Liebherr Aerospace recommend that operators follow the Ice Detector Alternate Test Procedure available in SMARTFIX Plus™ (Ref. 1.1) prior to removing the Ice Detector.

The FON ICE-003-NC (Ref. 1.2) was added to the FON Manual to provide instructions for the crew on how to clear the Ice Detector Fault when associated with a power-up sequence or a generator switching on ground. Operators should make sure their crews are familiar with FON ICE-003-NC (Ref. 1.2) to prevent unnecessary removals and possible delays.

The FON ICE-003-NC (Ref 1.2) is ONLY applicable to Global aircraft equipped with Vision avionics (Collins). For Global Express, 5000 and XRS aircraft, the reset procedure needs to be carried out by maintenance personnel using SMARTFIX Plus™ (Ref. 1.1).

Should you have any questions pertaining to this AW or require additional information, please contact your Bombardier Field Service Representative (FSR) or the Customer Response Center (CRC).