

Advisory Wire

REFERENCE NO:	AW700-24-0655 Rev 1	INFORMATION TYPE:	Maintenance
ATA:	24-21	EFFECTIVITY:	Global Express / XRS (9002 - 9312, 9314 - 9380, 9384 - 9429) Global 5000 (9127 to 9383, 9389 to 9400, 9404 to 9431 and 9998) Global 5000 feat. Vision Flight Deck (9386, 9401, 9445 - 9825) Global 6000 (9313, 9381, 9432 - 9832)
SUBJECT:	Electrical Power - Variable Frequency Generator Harness Low Clearance to Hydraulic/Fuel Lines		

1. REFERENCES:

- 1.1. Transport Canada Airworthiness Directive (AD) CF-2018-22 – August 16, 2018
<https://wwwapps.tc.gc.ca/Saf-Sec-Sur/2/AwD-CN/documents/CF-2018-22-E.PDF>
- 1.2. European Aviation Safety Agency (EASA) AD CF-2018-22 – August 16, 2018
<https://ad.easa.europa.eu/ad/CF-2018-22>
- 1.3. Federal Aviation Administration (FAA) AD 2019-12-02 – August 12, 2019
http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgad.nsf/AOCADSearch/3DD50884C5C8A7F9862584310056D7C2?OpenDocument
- 1.4. Bombardier Service Bulletins 700-24-089, 700-24-5014, 700-1A11-24-028, 700-24-6014 – Rev. 2, September 27, 2018

2. INTRODUCTION:

This Advisory Wire (AW) is to inform Operators of the recent release of the Transport Canada Airworthiness Directive (AD) (Ref. 1.1). This AD can also be found on the EASA website (Ref. 1.2).

This revision adds the FAA AD reference and updates the SB revision.

3. DESCRIPTION:

Bombardier has discovered that there is a possibility of a low clearance condition between the VFG power feeder cables and adjacent hydraulic lines and/or fuel lines in several locations in the AFT equipment bay compartment. This condition may lead to physical contact between the VFG power feeder cables, hydraulic system lines and/or fuel lines. Physical contact or chaffing could result in deterioration of the hydraulic line and/or fuel line wall thickness and VFG power feeder cables insulation thickness.

To date, no evidence of physical contact between the VFG power feeder cables and the hydraulic lines and/or fuel lines has been reported.

The Service Bulletin (Ref. 1.4) provides instructions to modify the VFG cable routing in order to meet the minimal clearance of 0.50 in (12.7 mm) between VFG power feeder cables and hydraulic line and/or fuel line.

Aircraft S/N 9832 and subsequent (except aircraft S/N 9998) are addressed on the production line.

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ACTION:

Operators should familiarize themselves with the ADs (Ref. 1.1, 1.2 and 1.3) and ensure that affected aircraft comply with the corrective actions within the specified compliance time by incorporating the Bombardier SB (Ref. 1.4).

Should you have any queries pertaining to this Advisory Wire, please contact your local Field Service Representative or the Customer Response Center (CRC).