

Advisory Wire

REFERENCE NO:	AW700-78-0675	INFORMATION TYPE:	Operational Maintenance
ATA:	78-30	EFFECTIVITY:	Global 7500 (70006 – 79999)
SUBJECT:	L(R) REVERSER FAIL Caution displayed after takeoff		

1. REFERENCES:

- 1.1. Airplane Flight Manual, Revision 3. March 13, 2019, Section 03-05 / Caution Procedures
- 1.2. SmartFix™ Plus procedure: Reference Message Code 732C10 (L REVERSER FAIL) & 732C12 (R REVERSER FAIL)

2. INTRODUCTION:

Bombardier would like to inform Operators about a nuisance “L(R) REVERSER FAIL” Caution message which can be observed by the flight crew shortly after takeoff.

3. DESCRIPTION:

Bombardier has observed that the L REVERSER FAIL, and R REVERSER FAIL CAUTION messages can be posted momentarily during climb out under certain conditions.

The nuisance condition can occur in the following scenario:

- Take-off performed with gear left extended above 400 ft. AGL (Above Ground Level) and flaps/slats fully retracted.

The root cause investigation confirmed the issue being related to a disagreement between the Isolation Control Unit (ICU) and the Full Authority Digital Electronic Control (FADEC) states for the Thrust Reverser. The FADEC then reports this error and sets the L and R Reverser Fail bit resulting in L REVERSER FAIL and R REVERSER FAIL CAUTION messages being posted on the Engine Indicating and Crew Alerting System (EICAS).

The nuisance indication will be cleared by the system, at the moment where the landing gear is retracted, or the wheels stop spinning.

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4. ACTION:

Pilots should be familiar with the conditions resulting in a nuisance L(R) REVERSER FAIL caution message.

Should the message be posted in any other scenario, it is recommended operators familiarize themselves with the referenced procedures in the flight manuals (Ref. 1.1) and to consult the On-board Maintenance System (OMS) related fault messages in correlation with SmartFix™ Plus for troubleshooting guidance (Ref. 1.2).

Bombardier is currently working on a resolution for this condition. Additional details on the corrective action will be communicated by further revision of this Advisory Wire.

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