

ADVISORY WIRE

AW300-21-0047, Rev. 1

DATE: February 24, 2010

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FROM: BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

ADVISORY WIRE

REFERENCE NO: AW300-21-0047, Rev. 1

SUBJECT: No MDC Report upon "AUTO PRESS FAIL" CAS Message

EFFECTIVITY: BD100-1A10 (20003 - 20999)

ATA: 21-31

This Advisory Wire contains Operational and Maintenance Information

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1.0 REFERENCES:

1.1 Service Bulletin SB 100-21-10 "Modification – Cabin-Pressure Control System - Software Change of the Integrated Air System Controller (IASC) PART NO. 92175A030400 to Part No. 92175A030500", released Feb 23/2010.

2.0 INTRODUCTION:

The revision to this Advisory Wire is to inform Operators that the Ref 1.1 Service Bulletin was released to introduce a software change to the IASC in order to add an MDC message that was missing following an Outflow Valve (OFV) failure.

3.0 DESCRIPTION:

The "AUTO PRESS FAIL" amber CAS message may post for two reasons; either an internal fault of the Outflow Valve (OFV), or a loss of communication between the OFV and both Integrated Air System Controllers (IASC).

In the case where the OFV is reporting an internal fault to the IASCs, the IASC will command the Data Concentrator Unit (DCU) to display the "AUTO PRESS FAIL" CAS message. However, there is no information recorded into the MDC to assist with fault diagnostic.

When there is a loss of communication between the OFV and IASC, the "AUTO PRESS FAIL" CAS message will be displayed and a "NO OFV RS422 BUS OUTPUT" message will be posted in the MDC.

The ref. 1.1 bulletin is released to provide a software upgrade to the IASC which adds a new MDC message to cover OFV internal fault cases.

4.0 ACTION:

Operators should be aware of the Ref 1.1 Recommended Service Bulletin release and plan to accomplish the instructions at the next opportunity.