

ADVISORY WIRE

AW700-36-0287

DATE: December 8, 2009

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FROM: BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

ADVISORY WIRE

REFERENCE NO: AW700-36-0287

SUBJECT: Pressure Regulating Valve (PRV)

EFFECTIVITY: Global Express aircraft (9002 to 9999)
Global Express XRS aircraft (9127 to 9999)
Global 5000 aircraft (9127 to 9999)

ATA: 36

This Advisory Wire contains Operational and Maintenance Information

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1.0 REFERENCES:

- 1.1 Service Information Letter (SIL) No. LSGG436-1055-36-01
- 1.2 SMARTFIX PLUS: ATA 49 (CAS) APU BLEED DISABLE (Both Rev. 1.1 and 1.2 are available on the CIC website at www.cic.bombardier.com under Quicklinks > SmartFix Plus > Global >, Troubleshooting > CAS message by ATA > Chapter 49 (APU) > APU Bleed Disable > Troubleshooting Tips)
- 1.3 IPC 36-11-09 Fig. 1, Page 1, item 5A

2.0 INTRODUCTION:

This advisory wire is to inform operators of a possible condition where the Pressure Regulating Valve (PRV) P/N GG436-1055-1 (Ref. 1.3) can stick open and cause an APU BLEED DISABLE Crew Alerting System (CAS) message.

3.0 DESCRIPTION:

Operators have reported that some PRVs are intermittently failing to remain fully closed upon APU shut down. When the condition occurs, an "APU BLEED DISABLE" CAS message is posted at the next APU start. The Vendor has published a Service Information Letter (Ref. 1.1) in Sept/09 to provide guidance on how to manually close the PRV. Additionally, the "APU BLEED DISABLE" CAS message has been included as part of the SmartFix Plus troubleshooting tool (Ref. 1.2).

The PRV sticking open issue was investigated. The Vendor has proposed and tested alternate internal sealing rings to address the sticking condition. This future valve will have a letter "A" added to the name plate to ensure traceability.

4.0 ACTION:

Operators are invited to familiarize themselves with the two reference documents.
The improved PRV P/N GG436-1055-1 mod "A" is scheduled Q1/2010.