

# ADVISORY WIRE

## AW300-21-0045

**DATE:** February 15, 2006**PAGE:** 1 OF 2**FROM:** BOMBARDIER BUSINESS AIRCRAFT CUSTOMER SUPPORT

### ADVISORY WIRE

**REFERENCE NO:** AW300-21-0045**SUBJECT:** Erratic Temperature Control in Auto Mode**EFFECTIVITY:** BD100-1A10 (20003 & Subs)**ATA:** 21-61

**This Advisory Wire contains Operational information**

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### 1.0 INTRODUCTION:

This Advisory Wire is to provide Flight and Maintenance Crews with troubleshooting tips and procedures for the Ventilated Temperature Sensors (VENTS) when the temperature control is erratic in Auto Mode.

### 2.0 DESCRIPTION:

There are two VENTS, P/N GG436-2041-3, installed in the environmental control system (ECS) of the aircraft. One is located on the left-hand side of the center pedestal in the flight compartment (Fuselage Station 270 LH – AIPC 21-61-25 Fig 1) and the other one is located in the middle right-hand side in the cabin (Fuselage Station 495 RH – AIPC 21-61-21, Fig 1).

It was found on several occasions that dust and lint had clogged the VENTS resulting in erratic temperature control in the flight compartment and/or the cabin zone with the system operating in “AUTO” mode.

In all cases, the Operators cleaned the VENTS and the AUTO temperature control then functioned normally.

### 3.0 ACTION:

Bombardier recommends that Operators familiarize themselves with the VENTS cleaning procedure included in Component Maintenance Manual (CMM) 21-60-25.

We are currently evaluating the implementation of an optional servicing task in the Maintenance Planning Document, Section 3 associated with the Aircraft Maintenance Manual (AMM) cleaning procedure.

Note that a CMM equivalent cleaning procedure will be added to the AMM, Rev.12, Task 21-61-00-110-801.