

Advisory Wire

REFERENCE NO:	AW700-32-0650 Rev 1	INFORMATION TYPE:	Maintenance Operational
ATA:	32-43	EFFECTIVITY:	Global Express / XRS (9002 - 9312, 9314 - 9380, 9384 - 9429) Global 5000 (9127 - 9383, 9389 - 9400, 9404 - 9431 and 9998) Global 5000 feat. Vision Flight Deck (9386, 9401, 9445 - 9862, and 9868 - 9997) Global 6000 (9313, 9381, 9432 to 9860, 9863 - 9871, 9873 - 9997 and 60005 - 61999) Global 5500, Global 6500 (9861, 9872, 60001 - 61999)
SUBJECT:	Brake System – Chatter Noise		

1. REFERENCES:

2. INTRODUCTION:

This Advisory Wire is being updated to Revision 1 to add aircraft models and serial numbers to the effectivity.

This Advisory Wire is to inform Operators of a possible chattering phenomenon in the brake system. This chattering usually occurs when either setting, releasing the parking brake or slowly releasing the brake.

3. DESCRIPTION:

The chatter is heard loudest in the MLG bay and can be described as a rapid repetitive knocking or banging. Evaluation of this phenomenon has revealed that it occurs with the aircraft in a static condition. Typically the chatter will be associated with setting or releasing the parking brake. Once the brake pedal LVDTs have been displaced to the 70 – 77 % range (approx. 2500 psi), on a static aircraft, slow pedal movement may induce the chatter. Once chattering, minor pedal movement either way will stop the chatter. Chatter may also occur without the parking brake applied, but it is more evident when it is applied. Air in the control section of the brake control valves will aggravate the tendency to induce the chatter, so bleeding the brakes may help reduce or eliminate this condition.

4. ACTION:

As this condition is not observed during normal braking operation, there is no action for operators to take at this time. Aircraft exhibiting brake system chattering remain fully serviceable with no impact on aircraft operations. Should you have any queries pertaining to this Advisory Wire (AW), please contact your Bombardier Field Service Representative (FSR) or the Customer Response Center (CRC).