

ADVISORY WIRE

AW300-27-0133

DATE: December 7, 2010

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FROM: BOMBARDIER CUSTOMER SERVICES BUSINESS AIRCRAFT

ADVISORY WIRE

REFERENCE NO: AW300-27-0133

SUBJECT: Spoiler Panels Chattering

EFFECTIVITY: Challenger 300 aircraft (20003 to 20999)

ATA: 27

This Advisory Wire contains Maintenance Information

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1.0 INTRODUCTION:

This Advisory Wire is to inform Operators of recent occurrences where Pilots reported hearing and feeling chattering from the spoilers, and also to describe the impact of this chattering on the aircraft system.

2.0 DESCRIPTION:

Several cases have been reported where Pilots have heard and felt chattering caused by vibration of the spoiler panels during deployment on ground, only with no air loads applied on the spoiler surfaces. Spoiler panel chattering is most likely to occur on the ground spoiler panels and while performing the pre-flight check.

Investigation by Bombardier and Moog (the vendor responsible for the spoiler system) has determined that spoiler panel chattering events experienced during ground checks without aerodynamic loads applied on the spoiler surfaces have no impact on system operation, spoiler system components or aircraft structure. Chattering by itself should not be a reason to miss a flight or remove components. The investigation concerning this issue is on-going in order to understand the root cause.

3.0 ACTION:

There are no actions for Operators to take at this time other than to be aware of the information above. We will keep you informed of the progress of the investigation