

ADVISORY WIRE

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REFERENCE NO:	AW300-32-0338	INFORMATION TYPE:	Maintenance Operational
ATA:	32-32	EFFECTIVITY:	Challenger 300 (20003 – 20500) Challenger 350 (20501 – 20665)
SUBJECT:	MLG Side Brace Actuator Split Ball Bearing		

1. REFERENCES:

- 1.1 Bombardier SB 100-32-30 Special Check/Modification – Inspection and Replacement if Necessary of the MLG Side Brace Actuator Split Ball Bearing
- 1.2 Bombardier SB 350-32-006 Special Check/Modification – Inspection and Replacement if Necessary of the MLG Side Brace Actuator Split Ball Bearing
- 1.3 TCCA Airworthiness Directive (AD) CF-2018-20
- 1.4 EASA AD CF-2018-20
- 1.5 FAA AD 2019-07-06

2. INTRODUCTION:

This Advisory Wire is to inform operators of the SBs (ref.1.1 and 1.2) to address the issue of non-conforming split ball bearings on the Main Landing Gear (MLG) side brace actuators.

3. DESCRIPTION:

Bombardier Aerospace was informed by its supplier that certain split ball bearings, Part No. 104467672 used in the MLG side brace actuator assemblies are manufactured from material that does not meet requirements.

The SBs (ref.1.1 and 1.2) give instructions to verify the serial number of both side stay actuators installed on the aircraft, and replace any non-conforming split ball bearing, if necessary. The replacement of the discrepant split ball bearings will greatly reduce the risk of bearing seizure.

These SBs have been mandated by the ADs (ref. 1.3, 1.4 and 1.5).

4. ACTION

Operators should be aware of the SBs (ref.1.1 and 1.2) to address the issue of non-conforming split ball bearings and the related ADs (ref. 1.3, 1.4 and 1.5).

Should you have any technical queries pertaining to this Advisory Wire, please contact the Bombardier Customer Response Center or your local Field Service Representative.