



MEMORANDUM

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National Transportation Safety Board
Office of Aviation Safety - Eastern Region

ERA15LA288,

Challenger, N613PJ,

On Friday November 20, 2015, I asked the manufacturer some questions regarding possible electrical intermittent problems interfering with the anti-skid system and possibly kecking off the brakes. With the brakes set or not? Or an intermittent electrical problem on any system with the brakes.

The manufacturer answered with the following:

If an electrical fault occurs, and it affects the anti-skid system, they system will fail passive (fail safe). The crew would then receive an indication that the anti-skid functionality is no longer available. Intermittent electrical faults would have the same non effect.

The anti-skid cannot kick-off the brakes in any operating mode, parked, taxi, take-off, etc. with any anti-skid system failure. We would not be able to certify the aircraft with this type of fault/failure.

In addition, below 16 knots wheel speed, anti-skid functionality is not available so the crew has full braking ability.

Dan Boggs
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