



Bombardier DHC-8 100/200/300 Stall Warning
Stick Shaker Electrical Connector

AWB 27-013 **Issue** : 1
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1. Effectivity

All Bombardier DHC-8-100/200/300 aircraft.

2. Purpose

To alert operators of potential stall warning stick shaker electrical connector defect.

3. Background

CASA has received a report from an operator related to stick shaker defect on Bombardier DHC-8-106 airplanes. During pre-flight checks, the stick shakers did not activate during stall warning system test. During troubleshooting, broken wires were found at both stick shaker electrical connectors.

The present connectors are of solder type connectors. These connectors are mounted to the stall warning stick shaker, which is subject to vibration. This can cause the soldered connections to break over time. The airplane manufacturer, Bombardier, has issued a modification package IS8Q2700013 which changes the connectors from solder type to crimp type connectors.

4. Recommendations

CASA strongly recommends that operators of DHC-8-100/200/300 series airplanes inspect the installed stick shaker electrical connectors and take corrective action as described in the Bombardier modification package IS8Q2700013.

5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

AirworthinessBulletin@casa.gov.au

or in writing, to:

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