

**PART 39—AIRWORTHINESS
DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. Section 39.13 is amended by adding the following new airworthiness directive:

Bombardier, Inc. (Formerly Canadair):

Docket 2002–NM–157–AD.

Applicability: This AD applies to the airplanes listed in Table 1 of this AD, certificated in any category:

TABLE 1.—APPLICABILITY

Model	Serial Nos.
CL–600–1A11 (CL–600) series airplanes.	1004 through 1085 inclusive.

TABLE 1.—APPLICABILITY—Continued

Model	Serial Nos.
CL–600–2A12 (CL–601) series airplanes.	3001 through 3066 inclusive.
CL–600–2B16 (CL–601–3A and –3R) series airplanes.	5001 through 5194 inclusive.
CL–600–2B16 (CL–604) series airplanes.	5301 and subsequent.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (n) of this AD. The request should include an assessment of

the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously.

To prevent flat spots on the potentiometers of the AOA transducers due to wear, which may cause a delay in the commands for stall warning, stick shaker, and stick pusher operation, accomplish the following:

Revision of Airplane Flight Manual (AFM)

(a) Before the accumulation of 300 total flight hours, or within 7 days after the effective date of this AD, whichever occurs later, revise the Limitations, Emergency Procedures, Normal Procedures, and Abnormal Procedures Sections, as applicable, of the applicable Canadair Challenger AFM by inserting a copy of the applicable Temporary Revision listed in Table 2 of this AD. Table 2 is as follows (some Temporary Revisions listed in Table 2 of this AD contain Product Support Publication (PSP) identifiers):

TABLE 2.—TEMPORARY REVISIONS

Model	PSP	Temporary revision	Date
CL–600–1A11 (CL–600) series airplanes	none	600/21	November 26, 2001.
	none	600/20	November 26, 2001.
	none	600–1/17	November 26, 2001.
	PSP 600–1–18	600–1/13	November 26, 2001.
CL–600–2A12 (CL–601) series airplanes	none	601/25	November 26, 2001.
	PSP 601–1A–1	601/13	November 26, 2001.
	PSP 601–1A–17	601/24	November 26, 2001.
	PSP 601–1A–18	601/25	November 26, 2001.
	PSP 601–1B	601/17	November 26, 2001.
	PSP–601–1B–1	601/12	November 26, 2001.
	PSP 601A–1	601/23	November 26, 2001.
	PSP 601A–1–1	601/22	November 26, 2001.
CL–600–2B16 (CL–601–3A and –3R) series airplanes.	PSP 601A–1–17	601/22	November 26, 2001.
	PSP 601A–1–18	601/21	November 26, 2001.
	PSP 601A–1–18A	601/24	November 26, 2001.
	PSP 601A–1–20A	601/15	November 26, 2001.
CL–600–2B16 (CL–604) series airplanes	PSP 604–1	604/9	November 26, 2001.

Measurement

(b) Before the accumulation of 300 total flight hours, or within 200 flight hours after the effective date of this AD, whichever occurs later, measure the vane angles and

voltage of the angle of attack (AOA) transducers by doing all actions specified in “PART A—Initial Special Check” of the Accomplishment Instructions of the applicable alert service bulletin listed in

Table 3 of this AD, per the applicable Bombardier alert service bulletin; except that it is not necessary to complete the Test Results and Service Bulletin Incorporation Sheets. Table 3 is as follows:

TABLE 3.—ALERT SERVICE BULLETINS

For model—	Alert service bulletin	Date	Including—
CL–600–1A11 (CL–600) series airplanes	A600–0715	January 7, 2002	Service Bulletin Compliance Sheet and Appendices A and B.
CL–600–2A12 (CL–601) series airplanes, and CL–600–2B16 (CL–600–3A and –3R) series airplanes.	A601–0550	January 7, 2002	Service Bulletin Compliance Sheet and Appendices A and B.
CL–600–2B16 (CL–604) series airplanes	A604–27–011 ...	January 7, 2002	Service Bulletin Compliance Sheet and Appendices A and B.