



No.	CF-2000-30	1/2
Date	12 September 2000	

AIRWORTHINESS DIRECTIVE

THE FOLLOWING AIRWORTHINESS DIRECTIVE (AD) MAY BE APPLICABLE TO AN AIRCRAFT, WHICH OUR RECORDS INDICATE IS REGISTERED IN YOUR NAME. ADS ARE ISSUED PURSUANT TO **CANADIAN AVIATION REGULATION (CAR) 593**. PURSUANT TO **CAR 605.84** AND THE FURTHER DETAILS OF **CAR STANDARD 625, APPENDIX H**, THE CONTINUING AIRWORTHINESS OF AN AIRCRAFT IS CONTINGENT UPON COMPLIANCE WITH ALL APPLICABLE ADS. FAILURE TO COMPLY WITH THE REQUIREMENTS OF AN AD MAY INVALIDATE THE FLIGHT AUTHORIZATION OF THE AIRCRAFT. ALTERNATIVE MEANS OF COMPLIANCE SHALL BE APPLIED FOR IN ACCORDANCE WITH **CAR 605.84** AND THE ABOVE-REFERENCED **STANDARD**. THIS AD HAS BEEN ISSUED BY THE CONTINUING AIRWORTHINESS DIVISION, AIRCRAFT CERTIFICATION BRANCH, TRANSPORT CANADA, OTTAWA.

CF-2000-30 BOMBARDIER

Applies to the following Bombardier Inc. (formerly Canadair) CL-600 aircraft:

- | | |
|-----------------------------------|-----------------------|
| (i) CL-600-1A11 (CL-600) | S/N 1004 through 1085 |
| (ii) CL-600-2A12 (CL-601) | S/N 3001 through 3066 |
| (iii) CL-600-2B16 (CL-601-3A/-3R) | S/N 5001 through 5194 |
| (iv) CL-600-2B16 (CL-604) | S/N 5301 through 5392 |

Compliance is required within 120 days after the effective date of this directive, unless already accomplished.

A report has been received of stiffness in the aileron controls following take-off from a snow and slush covered runway. It appears that ice or slush accumulated on the aileron quadrants and/or control cable pulleys in the main landing gear wheel bay during the ground roll, and then froze during the climb to cruise altitude. Upon descent to lower altitude, normal aileron control was restored and the aircraft landed safely.

To significantly reduce the potential for the accumulation of ice and slush on the aileron quadrants and control cable pulleys in the main landing gear wheel bay, which could result in reduced controllability of the airplane, install protection shields in accordance with Part 2, Accomplishment Instructions of the applicable Bombardier Service Bulletin listed in the table below or later revisions approved by the Director, Aircraft Certification, Transport Canada:

AIRCRAFT MODEL	BOMBARDIER SERVICE BULLETIN	SERVICE BULLETIN DATE
CL-600-1A11 (CL-600)	600-0684	15 July 1998
CL-600-2A12 (CL-601)	601-0507	30 June 1998
CL-600-2B16 (CL-601-3A/-3R)	601-0507	30 June 1998
CL-600-2B16 (CL-604)	604-32-007	30 June 1998

This directive becomes effective 25 October 2000.

For Minister of Transport



B. Goyaniuk
Chief, Continuing Airworthiness

For further information contact a Transport Canada Centre, or Mr. Ian McLellan, Continuing Airworthiness, Ottawa, telephone (613) 952-4362, facsimile (613) 996-9178 or e-mail mclelli@tc.gc.ca.