

**BILLING CODE 4910-13-C****Repetitive Inspections**

(c) If no cracking or deformation, or pulled or missing fastener, as applicable, is found during any inspection required by paragraph (b) or (c) of this AD, repeat the inspections thereafter at intervals not to exceed 100 flight cycles.

**Corrective Actions**

(d) If any cracking or deformation, or pulled or missing fastener, as applicable, is found during any inspection in accordance with paragraph (b) or (c) of this AD: Before further flight, accomplish paragraph (d)(1), (d)(2), or (d)(3) of this AD.

(1) Repair the damage in accordance with a method approved by either the Manager, New York Aircraft Certification Office (ACO), FAA; or Transport Canada Civil Aviation (or its delegated agent); and accomplish repetitive inspections in accordance with a method and at a repetitive interval approved by same.

(2) Replace the lower panel assembly, P/N CC670-10520, of the affected MLG door with a new or serviceable lower panel assembly having the same P/N, in accordance with Task Cards 32-12-01-000-801-A01 and 32-12-01-400-801-A01 of the CRJ 700/900 Series Regional Jet Aircraft Maintenance Manual; and repeat the inspections specified in paragraph (b) of this AD at intervals not to exceed 100 flight cycles.

(3) Remove the lower panel assembly, P/N CC670-10520, of the affected MLG door, and accomplish paragraph (d)(3)(i) or (d)(3)(ii), as applicable.

(i) For Model CL600-2C10 (Regional Jet series 700 & 701) series airplanes: Revise the Configuration Deviation List (CDL), Appendix 1, of the airplane flight manual (AFM), to include the following limitations. This may be accomplished by inserting a copy of this AD into the CDL of the AFM.

"For Model CL600-2C10 series airplanes: If one or both door panel assemblies, part number CC670-10520, is missing:

(1) Take-off Weight is reduced by 202.5 kg/door, or 450 lb/door

(2) Enroute Climb is reduced by 445.5 kg/door, or 990 lb/door

(3) Landing Weight is reduced by 202.5 kg/door, or 450 lb/door

(4) Fuel Consumption is increased by +3.42% on fuel used/door

(5) Cruise Airspeed is limited to not more than 0.78 Mach."

(ii) For Model CL-600-2D24 (Regional Jet series 900) series airplanes: Revise the CDL, Appendix 1, of the AFM, to include the following limitations. This may be accomplished by inserting a copy of this AD into the CDL of the AFM.

"For Model CL600-2D24 series airplanes: If one or both door panel assemblies, part number CC670-10520, is missing:

(1) Take-off Weight is reduced by 245 kg/door, or 540 lb/door

(2) Enroute Climb is reduced by 551 kg/door, or 1,215 lb/door

(3) Landing Weight is reduced by 245 kg/door, or 540 lb/door

(4) Fuel Consumption is increased by +3.42% on fuel used/door

(5) Cruise Airspeed is limited to not more than 0.78 Mach."

**Reporting Requirement**

(e) Submit a report of the findings (both positive and negative) of the inspections required by paragraph (b), (c), or (d) of this AD, as applicable, to Bombardier Aerospace Technical Help Desk; fax (514) 855-8501; at the applicable time specified in paragraph (e)(1) or (e)(2) of this AD. The report must include the inspection results, a description of any discrepancies found, the airplane serial number, and the number of landings and flight hours on the airplane. Under the provisions of the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 *et seq.*), the Office of Management and Budget (OMB) has approved the information collection requirements contained in this AD and has assigned OMB Control Number 2120 0056.

(1) If the inspection is done after the effective date of this AD: Submit the report within 5 days after the inspection.

(2) If the inspection was done prior to the effective date of this AD: Submit the report within 5 days after the effective date of this AD.