

Civil Aviation Authority United Kingdom



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00169

for

CL-600 Challenger 600 Series

Type Certificate Holder

Bombardier Inc.

400 Côte-Vertu Road West

Dorval QC H4S 1Y9

CANADA

Model(s): CL-600-1A11 (600)
CL-600-2A12 (601 Variant)
CL-600-2B16 (601-3A Variant)
CL-600-2B16 (601-3R Variant)
CL-600-2B16 (604 Variant)

Issue 1

Date of issue: 23 January 2026

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
CL-600-1A11	None	18,643	16,329	Avco Lycoming ALF502L-2	None	Annex 16/I Chapter 3	89.5	94.0	84.7	89.0	91.6	98.0	None	A19282
CL-600-1A11	None	18,643	16,329	Avco Lycoming ALF502L-2C	None	Annex 16/I Chapter 3	89.5	94.0	84.7	89.0	91.6	98.0	None	A19283
CL-600-1A11	None	18,711	16,329	Avco Lycoming ALF502L-2	None	Annex 16/I Chapter 3	89.5	94.0	84.8	89.0	91.6	98.0	None	A19284
CL-600-1A11	None	18,711	16,329	Avco Lycoming ALF502L-2C	None	Annex 16/I Chapter 3	89.5	94.0	84.8	89.0	91.6	98.0	None	A19285
CL-600-2A12	None	19,096	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 3	83.9	94.0	79.8	89.0	91.2	98.0	None	A1927
CL-600-2A12	None	19,550	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 3	83.8	94.0	80.3	89.0	91.2	98.0	None	A1926
CL-600-2A12	None	20,230	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 3	83.7	94.0	80.8	89.0	91.2	98.0	None	A1925
CL-600-2A12	None	20,457	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 3	83.7	94.0	81.1	89.0	91.2	98.0	None	A1924
CL-600-2A12	None	20,457	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.2	89.0	91.2	98.0	None	A9030
CL-600-2A12	SB 601-0638 Recertification to Chapter 4	19,096	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 4	83.9	94.0	79.8	89.0	91.2	98.0	None	A19085
CL-600-2A12	SB 601-0638 Recertification to Chapter 4	19,550	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 4	83.8	94.0	80.3	89.0	91.2	98.0	None	A19084
CL-600-2A12	SB 601-0638 Recertification to Chapter 4	20,230	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 4	83.7	94.0	80.8	89.0	91.2	98.0	None	A19083
CL-600-2A12	SB 601-0638 Recertification to Chapter 4	20,457	16,329	General Electric CF34-1A	None	Annex 16/I 6/10 Chapter 4	83.7	94.0	81.1	89.0	91.2	98.0	None	A19082
CL-600-2A12	SB 601-0638 Recertification to Chapter 4	20,457	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.2	89.0	91.2	98.0	None	A19086
CL-600-2B16	None	17,236	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 3	85.3	94.0	76.8	89.0	91.3	98.0	None	A1936
CL-600-2B16	None	19,550	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 3	84.5	94.0	79.7	89.0	91.2	98.0	None	A2034
CL-600-2B16	None	20,230	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 3	84.4	94.0	80.0	89.0	91.2	98.0	None	A1931
CL-600-2B16	None	20,230	16,329	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 3	84.4	94.0	80.0	89.0	91.2	98.0	None	A1932
CL-600-2B16	None	20,457	16,329	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.2	89.0	91.2	98.0	None	A5838
CL-600-2B16	None	20,457	17,236	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.2	89.0	91.3	98.0	None	A1928
CL-600-2B16	None	20,457	17,236	General Electric CF34-3A1	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.2	89.0	91.3	98.0	None	A1933
CL-600-2B16	None	20,570	17,236	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.3	89.0	91.3	98.0	None	A1929
CL-600-2B16	None	20,570	17,236	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 3	84.3	94.0	80.3	89.0	91.3	98.0	None	A1930
CL-600-2B16	None	21,591	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 3	84.6	94.0	80.9	89.0	91.3	98.0	None	A1935
CL-600-2B16	None	21,863	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 3	84.6	94.0	81.2	89.0	91.3	98.0	None	A1934
CL-600-2B16	None	21,863	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 4	84.6	94.0	81.2	89.0	91.3	98.0	None	A19161

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	19,550	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 4	84.5	94.0	79.7	89.0	91.2	98.0	None	A19090
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,230	16,329	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 4	84.4	94.0	80.0	89.0	91.2	98.0	None	A19089
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,230	16,329	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 4	84.4	94.0	80.0	89.0	91.2	98.0	None	A19094
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,457	16,329	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.2	89.0	91.2	98.0	None	A19093
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,457	17,236	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.2	89.0	91.3	98.0	None	A19088
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,457	17,236	General Electric CF34-3A1	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.2	89.0	91.3	98.0	None	A19091
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,570	17,236	General Electric CF34-3A	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.3	89.0	91.3	98.0	None	A19087
CL-600-2B16	SB 601-0638 Recertification to Chapter 4	20,570	17,236	General Electric CF34-3A2	None	Annex 16/I 6/10 Chapter 4	84.3	94.0	80.3	89.0	91.3	98.0	None	A19092
CL-600-2B16	SB 604-11-016 or SB 605-11-003 Recertification to Chapter 4	17,236	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 4	85.3	94.0	76.8	89.0	91.3	98.0	None	A19097
CL-600-2B16	SB 604-11-016 or SB 605-11-003 Recertification to Chapter 4	21,591	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 4	84.6	94.0	80.9	89.0	91.3	98.0	None	A19096
CL-600-2B16	SB 604-11-016 or SB 605-11-003 Recertification to Chapter 4	21,863	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 4	84.6	94.0	81.2	89.0	91.3	98.0	None	A19095
CL-600-2B16	SB 650-34-012 (for S/N 6050-6131) or modsum 600-6421 (for S/N 6132 and up) MTO Take-off Mode capability	21,863	17,236	General Electric CF34-3B	None	Annex 16/I 6/10 Chapter 4	85.6	94.0	79.0	89.0	91.3	98.0	None	A19220

Administration**I. Acronyms and Abbreviations**

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
Bombardier Inc. 400 Côte-Vertu Road West Dorval QC H4S 1Y9 CANADA	Present. No changes.

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	23 January 2026		Issue 1 23 January 2026