



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.673

for

CL-600 Regional Jet Series

Type Certificate Holder:

MHI RJ AVIATION ULC.

3655 Av. des Grandes Tourelles, suite 110

Boisbriand, QC, Canada

J7H 0E2

For models:

CL-600-2B19

CL-600-2C10

CL-600-2D15

CL-600-2D24

CL-600-2E25



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Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **2 (XL)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1937	23,133	21,205	82.2	94.0	78.8	89.0	92.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **4 (XL JAA)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1938	23,995	21,205	82.1	94.0	80.2	89.0	92.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **73 (FAA Vref / V2)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1943	22,995	21,319	82.3	94.0	77.6	89.0	92.1	98.0	-
A1944	22,995	21,205	82.3	94.0	77.6	89.0	92.1	98.0	-
A1945	21,995	21,319	82.4	94.0	76.3	89.0	92.1	98.0	-
A1946	21,995	21,205	82.4	94.0	76.3	89.0	92.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1947	24,040	21,319	82.2	94.0	79.8	89.0	92.1	98.0	-
A1949	24,040	21,205	82.1	94.0	80.3	89.0	92.1	98.0	-
A1950	24,040	20,280	82.1	94.0	80.3	89.0	92.1	98.0	-
A1952	23,995	21,319	82.1	94.0	80.2	89.0	92.1	98.0	-
A1954	23,133	21,319	82.2	94.0	78.8	89.0	92.1	98.0	-
A1955	22,995	21,319	82.2	94.0	78.6	89.0	92.1	98.0	-
A1956	22,995	21,205	82.2	94.0	78.6	89.0	92.1	98.0	-
A1957	21,995	21,319	82.3	94.0	77.2	89.0	92.1	98.0	-
A1958	21,995	21,205	82.3	94.0	77.2	89.0	92.1	98.0	-

¹ See Note 1.

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Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1960	20,553	20,276	82.4	94.0	76.3	89.0	92.4	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1, CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Engine intermix**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1961	24,040	21,319	82.2	94.0	78.9	89.0	92.2	98.0	-
A1962	24,040	21,205	82.2	94.0	78.9	89.0	92.2	98.0	-
A1963	23,995	21,319	82.2	94.0	78.8	89.0	92.2	98.0	-
A1964	23,995	21,205	82.4	94.0	78.0	89.0	92.2	98.0	-
A1965	23,587	21,319	82.3	94.0	78.4	89.0	92.2	98.0	-
A1966	23,587	21,205	82.3	94.0	78.4	89.0	92.2	98.0	-
A1967	23,133	21,319	82.3	94.0	77.8	89.0	92.2	98.0	-
A1968	22,995	21,319	82.3	94.0	77.6	89.0	92.2	98.0	-
A1969	22,995	21,205	82.3	94.0	77.6	89.0	92.2	98.0	-

¹ See Note 1.

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Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
 (Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3A1, CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Engine intermix**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1970	21,995	21,319	82.4	94.0	76.3	89.0	92.2	98.0	-
A1971	21,995	21,205	82.4	94.0	76.3	89.0	92.2	98.0	-
A1974	21,523	20,275	82.4	94.0	75.7	89.0	92.3	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **68 (“Hot & high”)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1939	22,995	21,319	82.5	94.0	77.5	89.0	92.1	98.0	-
A1941	21,995	21,319	82.6	94.0	76.2	89.0	92.1	98.0	-
A1942	21,995	21,205	82.6	94.0	76.2	89.0	92.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **68 (hot-high)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1940	22,995	21,205	82.5	94.0	77.5	89.0	92.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1977	24,040	21,319	82.4	94.0	78.8	89.0	92.1	98.0	-
A1978	24,040	21,205	82.4	94.0	78.8	89.0	92.1	98.0	-
A1983	23,995	21,319	82.4	94.0	78.7	89.0	92.1	98.0	-
A1984	23,995	21,205	82.4	94.0	78.7	89.0	92.1	98.0	-
A1987	23,587	21,319	82.3	94.0	78.5	89.0	92.1	98.0	-
A1990	23,133	21,319	82.5	94.0	77.7	89.0	92.1	98.0	-
A1991	23,133	21,205	82.5	94.0	77.7	89.0	92.1	98.0	-
A1994	22,995	21,319	82.4	94.0	77.6	89.0	92.1	98.0	-
A1995	22,995	21,205	82.4	94.0	77.6	89.0	92.1	98.0	-

¹ See Note 1.

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Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2B19**
(Commercial Designation **CRJ 100/200)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-3B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A1996	21,995	21,319	82.5	94.0	76.3	89.0	92.1	98.0	-
A1997	21,995	21,205	82.5	94.0	76.3	89.0	92.1	98.0	-
A2002	21,520	20,280	82.7	94.0	75.7	89.0	92.4	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2C10**
(Commercial Designation **CRJ700)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <1230> (Chapter 4 option)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A72	34,020	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A73	34,019	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A74	33,995	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A75	32,999	30,391	89.6	94.0	82.0	89.0	92.6	98.0	-
A76	32,995	30,391	89.6	94.0	82.0	89.0	92.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2C10**
(Commercial Designation **CRJ700**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** Chapter¹ **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2003	34,020	30,390	89.4	94.0	82.7	89.0	92.6	98.0	-
A2004	34,019	30,390	89.4	94.0	82.7	89.0	92.6	98.0	-
A2005	33,995	30,390	89.4	94.0	82.7	89.0	92.6	98.0	-
A2006	32,999	30,390	89.4	94.0	82.7	89.0	92.6	98.0	-
A2007	32,995	30,390	89.6	94.0	82.0	89.0	92.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2C10**
(Commercial Designation **CRJ700)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5B1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <1230> (Chapter 4 option)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A67	34,020	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A68	34,019	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A69	33,995	30,391	89.4	94.0	82.7	89.0	92.6	98.0	-
A70	32,999	30,391	89.6	94.0	82.0	89.0	92.6	98.0	-
A71	32,995	30,391	89.6	94.0	82.0	89.0	92.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <1228> (Enhanced performance, Reduced Vref)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2662	38,329	34,065	89.1	94.3	83.9	89.0	92.3	98.3	-
A2661	37,995	34,065	89.1	94.3	83.6	89.0	92.3	98.3	-
A2660	37,421	33,339	89.1	94.3	83.1	89.0	92.3	98.2	-
A2659	36,995	33,339	89.2	94.2	82.7	89.0	92.3	98.2	-
A2658	36,514	33,339	89.2	94.2	82.2	89.0	92.3	98.1	-
A2657	36,500	33,339	89.2	94.2	82.2	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2054> (Conical Nozzle, Enhanced performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19034	38,329	34,065	89.8	94.3	84.2	89.0	92.3	98.3	-
A19035	37,995	34,065	89.9	94.3	83.8	89.0	92.3	98.3	-
A19036	37,421	33,339	89.9	94.3	83.4	89.0	92.3	98.2	-
A19037	36,995	33,339	89.9	94.2	82.9	89.0	92.3	98.2	-
A19038	36,514	33,339	90.0	94.2	82.6	89.0	92.3	98.1	-
A19039	36,500	33,339	90.0	94.2	82.6	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2900> (Original performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2667	38,329	33,339	89.2	94.3	84.6	89.0	93.2	98.3	-
A2666	37,421	33,339	89.1	94.3	84.0	89.0	93.2	98.2	-
A2665	36,995	33,339	89.2	94.2	83.7	89.0	93.2	98.2	-
A2664	36,514	33,339	89.2	94.2	83.4	89.0	93.2	98.1	-
A2663	36,500	33,339	89.2	94.2	83.4	89.0	93.2	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Enhanced performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2656	38,329	34,065	89.1	94.3	83.9	89.0	92.4	98.3	-
A2655	37,995	34,065	89.1	94.3	83.6	89.0	92.4	98.3	-
A2654	37,421	33,339	89.1	94.3	83.1	89.0	92.4	98.2	-
A2653	36,995	33,339	89.2	94.2	82.7	89.0	92.4	98.2	-
A2652	36,514	33,339	89.2	94.2	82.2	89.0	92.4	98.1	-
A2651	36,500	33,339	89.2	94.2	82.2	89.0	92.4	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <1228> (Enhanced performance, Reduced Vref)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2638	38,329	34,065	89.4	94.3	83.5	89.0	92.3	98.3	-
A2637	37,995	34,065	89.4	94.3	83.2	89.0	92.3	98.3	-
A2636	37,421	33,339	89.4	94.3	82.7	89.0	92.3	98.2	-
A2635	36,995	33,339	89.5	94.2	82.3	89.0	92.3	98.2	-
A2634	36,514	33,339	89.5	94.2	81.9	89.0	92.3	98.1	-
A2633	36,500	33,339	89.5	94.2	81.9	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2055> (Conical Nozzle, Enhanced performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19040	38,329	34,065	90.2	94.3	83.9	89.0	92.3	98.3	-
A19041	37,995	34,065	90.2	94.3	83.6	89.0	92.3	98.3	-
A19042	37,421	33,339	90.3	94.3	83.1	89.0	92.3	98.2	-
A19043	36,995	33,339	90.3	94.2	82.8	89.0	92.3	98.2	-
A19044	36,514	33,339	90.3	94.2	82.3	89.0	92.3	98.1	-
A19045	36,500	33,339	90.3	94.2	82.3	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **AFM Option Code <2900> (Original performance)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 6** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2672	38,329	33,339	89.4	94.3	84.5	89.0	93.2	98.3	-
A2668	37,995	33,339	89.5	94.3	83.3	89.0	93.2	98.3	-
A2671	37,421	33,339	89.5	94.3	83.9	89.0	93.2	98.2	-
A2670	36,995	33,339	89.5	94.2	83.6	89.0	93.2	98.2	-
A2669	36,514	33,339	89.5	94.2	83.3	89.0	93.2	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D15**
(Commercial Designation **CRJ705)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Enhanced performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2013	38,329	34,065	89.4	94.3	83.5	89.0	92.4	98.3	-
A2012	37,995	34,065	89.4	94.3	83.2	89.0	92.4	98.3	-
A2011	37,421	33,339	89.4	94.3	82.7	89.0	92.4	98.2	-
A2010	36,995	33,339	89.5	94.2	82.3	89.0	92.4	98.2	-
A2009	36,514	33,339	89.5	94.2	81.9	89.0	92.4	98.1	-
A2008	36,500	33,339	89.5	94.2	81.9	89.0	92.4	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <1228> (Enhanced performance, Reduced Vref)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2645	38,329	34,065	89.1	94.3	83.9	89.0	92.3	98.3	-
A2646	37,995	34,065	89.1	94.3	83.6	89.0	92.3	98.3	-
A2647	37,421	33,339	89.1	94.3	83.1	89.0	92.3	98.2	-
A2648	36,995	33,339	89.2	94.2	82.7	89.0	92.3	98.2	-
A2649	36,514	33,339	89.2	94.2	82.2	89.0	92.3	98.1	-
A2650	36,500	33,339	89.2	94.2	82.2	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2054> (Conical Nozzle, Enhanced performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19046	38,329	34,065	89.8	94.3	84.2	89.0	92.3	98.3	-
A19047	37,995	34,065	89.9	94.3	83.8	89.0	92.3	98.3	-
A19048	37,421	33,339	89.9	94.3	83.4	89.0	92.3	98.2	-
A19049	36,995	33,339	89.9	94.2	82.9	89.0	92.3	98.2	-
A19050	36,514	33,339	90.0	94.2	82.6	89.0	92.3	98.1	-
A19051	36,500	33,339	90.0	94.2	82.6	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2900> (Original performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2014	38,329	33,339	89.2	94.3	84.6	89.0	93.2	98.3	-
A2015	37,995	33,339	89.2	94.3	83.7	89.0	93.2	98.3	-
A2016	37,421	33,339	89.1	94.3	84.0	89.0	93.2	98.2	-
A2017	36,514	33,339	89.2	94.2	83.4	89.0	93.2	98.1	-
A2018	36,500	33,339	89.2	94.2	83.4	89.0	93.2	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **Enhanced performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2024	38,329	34,065	89.1	94.3	83.9	89.0	92.4	98.3	-
A2025	37,995	34,065	89.1	94.3	83.6	89.0	92.4	98.3	-
A2026	37,421	33,339	89.1	94.3	83.1	89.0	92.4	98.2	-
A2490	36,995	33,339	89.2	94.2	82.7	89.0	92.4	98.2	-
A2027	36,514	33,339	89.2	94.2	82.2	89.0	92.4	98.1	-
A2028	36,500	33,339	89.2	94.2	82.2	89.0	92.4	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <1228> (Enhanced performance, Reduced Vref)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2639	38,329	34,065	89.4	94.3	83.5	89.0	92.3	98.3	-
A2640	37,995	34,065	89.4	94.3	83.2	89.0	92.3	98.3	-
A2641	37,421	33,339	89.4	94.3	82.7	89.0	92.3	98.2	-
A2642	36,995	33,339	89.5	94.2	82.3	89.0	92.3	98.2	-
A2643	36,514	33,339	89.5	94.2	81.9	89.0	92.3	98.1	-
A2644	36,500	33,339	89.5	94.2	81.9	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.**

Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company**

Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2055> (Conical Nozzle, Enhanced performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A19052	38,329	34,065	90.2	94.3	83.9	89.0	92.3	98.3	-
A19053	37,995	34,065	90.2	94.3	83.6	89.0	92.3	98.3	-
A19054	37,421	33,339	90.3	94.3	83.1	89.0	92.3	98.2	-
A19055	36,995	33,339	90.3	94.2	82.8	89.0	92.3	98.2	-
A19056	36,514	33,339	90.3	94.2	82.3	89.0	92.3	98.1	-
A19057	36,500	33,339	90.3	94.2	82.3	89.0	92.3	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

AFM Option Code <2900> (Original performance)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2019	38,329	33,339	89.4	94.3	84.5	89.0	93.2	98.3	-
A2020	37,995	33,339	89.5	94.3	83.3	89.0	93.2	98.3	-
A2021	37,421	33,339	89.5	94.3	83.9	89.0	93.2	98.2	-
A2022	36,995	33,339	89.5	94.2	83.6	89.0	93.2	98.2	-
A2023	36,514	33,339	89.5	94.2	83.3	89.0	93.2	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2D24**
(Commercial Designation **CRJ900**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Enhanced performance**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 7** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A2029	38,329	34,065	89.4	94.3	83.5	89.0	92.4	98.3	-
A2030	37,995	34,065	89.4	94.3	83.2	89.0	92.4	98.3	-
A2031	37,421	33,339	89.4	94.3	82.7	89.0	92.4	98.2	-
A2491	36,995	33,339	89.5	94.2	82.3	89.0	92.4	98.2	-
A2032	36,514	33,339	89.5	94.2	81.9	89.0	92.4	98.1	-
A2033	36,500	33,339	89.5	94.2	81.9	89.0	92.4	98.1	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15227	41,640	36,968	89.1	94.7	85.5	89.0	93.3	98.6	-
A15228	40,995	36,968	89.1	94.6	85.1	89.0	93.3	98.5	-
A15229	40,823	36,968	89.1	94.6	84.9	89.0	93.3	98.5	-
A15230	39,995	36,968	89.2	94.5	84.2	89.0	93.3	98.4	-
A15231	38,995	36,968	89.2	94.4	83.3	89.0	93.3	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5/M**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15232	41,640	36,968	90.9	94.7	84.1	89.0	93.3	98.6	-
A15233	40,995	36,968	90.9	94.6	83.6	89.0	93.3	98.5	-
A15234	40,823	36,968	90.9	94.6	83.5	89.0	93.3	98.5	-
A15235	39,995	36,968	90.9	94.5	82.8	89.0	93.3	98.4	-
A15236	38,995	36,968	91.0	94.4	81.9	89.0	93.3	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15237	41,640	36,968	89.4	94.7	85.4	89.0	93.3	98.6	-
A15238	40,995	36,968	89.4	94.6	84.8	89.0	93.3	98.5	-
A15239	40,823	36,968	89.4	94.6	84.7	89.0	93.3	98.5	-
A15240	39,995	36,968	89.5	94.5	84.0	89.0	93.3	98.4	-
A15241	38,995	36,968	89.5	94.4	83.0	89.0	93.3	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A1/M**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15242	41,640	36,968	90.9	94.7	84.1	89.0	93.3	98.6	-
A15243	40,995	36,968	90.9	94.6	83.6	89.0	93.3	98.5	-
A15244	40,823	36,968	90.9	94.6	83.5	89.0	93.3	98.5	-
A15245	39,995	36,968	90.9	94.5	82.8	89.0	93.3	98.4	-
A15246	38,995	36,968	91.0	94.4	81.9	89.0	93.3	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000**)

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15247	41,640	36,968	89.8	94.7	85.0	89.0	93.3	98.6	-
A15248	40,995	36,968	89.8	94.6	84.5	89.0	93.3	98.5	-
A15249	40,823	36,968	89.8	94.6	84.3	89.0	93.3	98.5	-
A15250	39,995	36,968	89.8	94.5	83.6	89.0	93.3	98.4	-
A15251	38,995	36,968	89.9	94.4	82.7	89.0	93.3	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **MHI RJ AVIATION ULC.** Aircraft Type Designation¹ **CL-600-2E25**
(Commercial Designation **CRJ1000)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **CF34-8C5A2/M**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A15252	41,640	36,968	90.9	94.7	84.1	89.0	93.3	98.6	-
A15253	40,995	36,968	90.9	94.6	83.6	89.0	93.3	98.5	-
A15254	40,823	36,968	90.9	94.6	83.5	89.0	93.3	98.5	-
A15255	39,995	36,968	90.9	94.5	82.8	89.0	93.3	98.4	-
A15256	38,995	36,968	91.0	94.4	81.9	89.0	93.3	98.4	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.IM.A.673 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
Issue 1	06 March 2020	Initial Issue
Issue 2	01 June 2020	EASA.IM.A.673 Type Certificate transferred from Bombardier Inc to new TC Holder MHI RJ Aviation ULC
Issue 3	18 September 2023	TC Holder address updated.

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