



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.009

for

BD-700

Type Certificate Holder:

Bombardier Inc.

400, chemin de la Côte-Vertu Ouest

Montreal QC H3B 1Y8

CANADA

For models:

BD-700-1A10

BD-700-1A11

BD-700-2A12



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Type Certificate Holder ¹	Bombardier Inc.	Aircraft Type Designation ¹	BD-700-1A10 Global Express, Global 6000)
Engine Manufacturer ¹	Rolls-Royce Deutschland Ltd & Co KG	Engine Type Designation ¹	BR700-710A2-20
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		700T02117 A or 700T02136, or Service Bulletin 700–27–054 or 700–27–059 (Zero Flap Take-off Capability (Slats Out))	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 6 / Amendment 10 Chapter ¹ 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	
A19152	45,132	35,652	87.8	94.9	83.7	89.0	89.7	98.9	-
A19153	44,452	35,652	87.9	94.9	83.2	89.0	89.7	98.8	-
A19154	43,545	35,652	87.9	94.8	82.5	89.0	89.7	98.7	-
A19155	43,091	35,652	88.0	94.8	82.2	89.0	89.7	98.7	-
A19156	42,411	35,652	88.1	94.7	81.6	89.0	89.7	98.6	-

¹ See Note 1.



Type Certificate Holder ¹	Bombardier Inc.	Aircraft Type Designation ¹	BD-700-1A10 Global Express, Global 6000)
Engine Manufacturer ¹	Rolls-Royce Deutschland Ltd & Co KG	Engine Type Designation ¹	BR700-710A2-20
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹		None	
Noise Certification Basis	ICAO Annex 16, Volume I	Edition / Amendment	Edition 3 / Amendment 7
		Chapter ¹	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	
A6621	45,132	35,652	88.7	94.9	83.5	89.0	89.7	98.9	-
A6622	44,452	35,652	88.7	94.9	83.0	89.0	89.7	98.8	-
A6623	43,545	35,652	88.8	94.8	82.4	89.0	89.7	98.7	-
A6624	43,091	35,652	88.8	94.8	82.1	89.0	89.7	98.7	-
A6625	42,411	35,652	88.9	94.7	81.6	89.0	89.7	98.6	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.**

Aircraft Type Designation¹ **BD-700-1A10**
(Commercial Designation **Global 6500**)

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG**

Engine Type Designation¹ **BR700-710D5-21**

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

700T03185 and 700T02590 (Engine upgrade and flap enhancement)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** 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	
A19273	45,132	35,652	88.7	94.9	82.2	89.0	89.4	98.9	-
A19274	44,452	35,652	88.7	94.9	81.8	89.0	89.4	98.8	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-700-1A11**
(Commercial Designation **Global 5000**)

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **BR700-710A2-20**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **700T02117 A or 700T02136, or Service Bulletin 700-1A11-27-012 (Zero Flap Take-off Capability (Slats Out))**

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	
A19157	41,957	35,652	88.1	94.7	81.2	89.0	89.7	98.6	-
A19158	40,687	35,652	88.2	94.6	80.3	89.0	89.7	98.5	-
A19159	40,233	35,652	88.3	94.5	79.9	89.0	89.7	98.5	-
A19160	39,780	35,652	88.3	94.5	79.6	89.0	89.7	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-700-1A11**
(Commercial Designation **Global 5000**)

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **BR700-710A2-20**

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	
A1921	40,687	35,652	89.0	94.6	80.4	89.0	89.7	98.5	-
A6594	40,233	35,652	89.1	94.5	80.1	89.0	89.7	98.5	-
A1922	39,780	35,652	89.1	94.5	79.9	89.0	89.7	98.4	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-700-1A11**
(Commercial Designation **Global 5000)**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **BR700-710A2-20**

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	
A10840	41,957	35,652	88.9	94.7	81.3	89.0	89.7	98.6	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-700-1A11**
(Commercial Designation **Global 5500)**

Engine Manufacturer¹ **Rolls-Royce Deutschland Ltd & Co KG** Engine Type Designation¹ **BR700-710D5-21**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **700T03185 and 700T02590 (Engine upgrade and flap enhancement)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** 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	
A19272	41,957	35,652	88.9	94.7	79.7	89.0	89.4	98.6	-

¹ See Note 1.



Type Certificate Holder¹ **Bombardier Inc.** Aircraft Type Designation¹ **BD-700-2A12**
(Commercial Designation **Global 7500)**

Engine Manufacturer¹ **General Electric Company** Engine Type Designation¹ **Passport 20-19BB1A**

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 6 / Amendment 10** 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	
A19230	52,095	39,735	91.6	95.5	80.3	89.5	88.8	99.3	-

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.009 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	08 January 2007	Initial Issue
Issue 2	28 July 2010	Added record A10840
Issue 3	09 February 2017	Records A19152-19160 for zero flap take-off capability added
Issue 4	06 February 2019	Addition of Global 7500
Issue 5	29 November 2019	Addition of Global 5500 and Global 6500
Issue 6	28 June 2021	Added reference to Service Bulletins for Zero-Flap configurations
Issue 7	09 January 2023	Changed address of TC holder

