

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

BD700

**Type Certificate Holder:
Bombardier Inc.**

123 Garratt Boulevard
Toronto, Ontario
CANADA M3K 1Y5

For models : BD700-1A10
BD700-1A11

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Type Certificate Holder* **Bombardier Inc.** Aircraft Type Designation* **BD700-1A10**
(Commercial Designation) **Global Express)**

Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **BR700-710A2-20**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Cumulative Margin**
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit	
A6621	45.132	35.652	88,7	94,9	83,5	89,0	89,7	98,9	20,9
A6622	44.452	35.652	88,7	94,9	83,0	89,0	89,7	98,8	21,3
A6623	43.545	35.652	88,8	94,8	82,4	89,0	89,7	98,7	21,6
A6624	43.091	35.652	88,8	94,8	82,1	89,0	89,7	98,7	21,9
A6625	42.411	35.652	88,9	94,7	81,6	89,0	89,7	98,6	22,1

* Items so marked shall be included on EASA Form 45.

** For compliance with Chapter 4 the cumulative margin must be at least 10 EPNdB

Type Certificate Holder* **Bombardier Inc.** Aircraft Type Designation* **BD700-1A11**
(Commercial Designation) **Global 5000)**

Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **BR700-710A2-20**

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

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		Cumulative Margin**
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit	
A10840	41.957	35.652	88,9	94,7	81,3	89,0	89,7	98,6	22,4
A1921	40.687	35.652	89,0	94,6	80,4	89,0	89,7	98,5	23,0
A6594	40.233	35.652	89,1	94,5	80,1	89,0	89,7	98,5	23,1
A1922	39.780	35.652	89,1	94,5	79,9	89,0	89,7	98,4	23,2

* Items so marked shall be included on EASA Form 45.

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Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	28 July 2010	Added record A10840