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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.009**

**for**

**BD-700**

**Type Certificate Holder:**

**Bombardier Inc.**

P.O. Box 6087

Station Centre-Ville

Montreal, Quebec

Canada H3C 3G9

For models: BD-700-1A10  
BD-700-1A11  
BD-700-2A12



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Type Certificate Holder<sup>1</sup>      **Bombardier Inc.**      Aircraft Type Designation<sup>1</sup>      **BD-700-1A10**  
(Commercial Designation)      **Global 6500)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710D5-21**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **700T03185 and 700T02590 (Engine upgrade and flap enhancement)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19273	<b>45.132</b>	<b>35.652</b>	<b>88,7</b>	<b>94,9</b>	<b>82,2</b>	<b>89,0</b>	<b>89,4</b>	<b>98,9</b>	-
A19274	<b>44.452</b>	<b>35.652</b>	<b>88,7</b>	<b>94,9</b>	<b>81,8</b>	<b>89,0</b>	<b>89,4</b>	<b>98,8</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Bombardier Inc.**      Aircraft Type Designation<sup>1</sup>      **BD-700-1A11**  
(Commercial Designation      **Global 5000)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A2-20**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 4 / Amendment 8**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A10840	<b>41.957</b>	<b>35.652</b>	<b>88,9</b>	<b>94,7</b>	<b>81,3</b>	<b>89,0</b>	<b>89,7</b>	<b>98,6</b>	-
A1921	<b>40.687</b>	<b>35.652</b>	<b>89,0</b>	<b>94,6</b>	<b>80,4</b>	<b>89,0</b>	<b>89,7</b>	<b>98,5</b>	-
A6594	<b>40.233</b>	<b>35.652</b>	<b>89,1</b>	<b>94,5</b>	<b>80,1</b>	<b>89,0</b>	<b>89,7</b>	<b>98,5</b>	-
A1922	<b>39.780</b>	<b>35.652</b>	<b>89,1</b>	<b>94,5</b>	<b>79,9</b>	<b>89,0</b>	<b>89,7</b>	<b>98,4</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Bombardier Inc.**      Aircraft Type Designation<sup>1</sup>      **BD-700-1A11**  
(Commercial Designation      **Global 5000)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A2-20**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **700T02117 A or 700T02136 (Zero Flap Take-off Capability (Slats Out))**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 4 / Amendment 8**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19157	<b>41.957</b>	<b>35.652</b>	<b>88,1</b>	<b>94,7</b>	<b>81,2</b>	<b>89,0</b>	<b>89,7</b>	<b>98,6</b>	-
A19158	<b>40.687</b>	<b>35.652</b>	<b>88,2</b>	<b>94,6</b>	<b>80,3</b>	<b>89,0</b>	<b>89,7</b>	<b>98,5</b>	-
A19159	<b>40.233</b>	<b>35.652</b>	<b>88,3</b>	<b>94,5</b>	<b>79,9</b>	<b>89,0</b>	<b>89,7</b>	<b>98,5</b>	-
A19160	<b>39.780</b>	<b>35.652</b>	<b>88,3</b>	<b>94,5</b>	<b>79,6</b>	<b>89,0</b>	<b>89,7</b>	<b>98,4</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Bombardier Inc.**      Aircraft Type Designation<sup>1</sup>      **BD-700-1A11**  
(Commercial Designation      **Global 5500)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710D5-21**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **700T03185 and 700T02590 (Engine upgrade and flap enhancement)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 8 / Amendment 12**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19272	<b>41.957</b>	<b>35.652</b>	<b>88,9</b>	<b>94,7</b>	<b>79,7</b>	<b>89,0</b>	<b>89,4</b>	<b>98,6</b>	-

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>      **Bombardier Inc.**      Aircraft Type Designation<sup>1</sup>      **BD-700-2A12**  
(Commercial Designation)      **Global 7500)**

Engine Manufacturer<sup>1</sup>      **General Electric**      Engine Type Designation<sup>1</sup>      **Passport 20-19BB1A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>      **None**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 6 / Amendment 10**      Chapter<sup>1</sup>      **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A19230	<b>52.095</b>	<b>39.735</b>	<b>91,6</b>	<b>95,5</b>	<b>80,3</b>	<b>89,5</b>	<b>88,8</b>	<b>99,3</b>	-

<sup>1</sup> See Note 1.



**CS-36 Amendment level**

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

**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**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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

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