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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.169**

**for**

**Gulfstream GVI**

**Type Certificate Holder:**  
**Gulfstream Aerospace Corporation**  
500 Gulfstream Road,  
Savannah, GA, 31408  
USA

For models: GVI

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Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
(Commercial Designation)      **G650)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified 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	
A18835	<b>45,177</b>	<b>37,874</b>	<b>89.8</b>	<b>95.0</b>	<b>77.5</b>	<b>89.0</b>	<b>88.3</b>	<b>98.9</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
(Commercial Designation)      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014 (MTOW increase)**

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	
A19110	<b>46,992</b>	<b>37,874</b>	<b>89.6</b>	<b>95.1</b>	<b>78.7</b>	<b>89.0</b>	<b>88.3</b>	<b>99.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
(Commercial Designation      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014, ASC 026 (MTOW increase, weight variant)**

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	
A19136	<b>33,974</b>	<b>33,974</b>	<b>90.7</b>	<b>94.0</b>	<b>71.7</b>	<b>89.0</b>	<b>88.3</b>	<b>98.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
(Commercial Designation      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014, ASC 027 (MTOW increase, weight variant)**

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	
A19137	<b>40,823</b>	<b>37,874</b>	<b>90.1</b>	<b>94.6</b>	<b>75.4</b>	<b>89.0</b>	<b>88.3</b>	<b>98.5</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
 (Commercial Designation      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014, ASC 028 (MTOW increase, weight variant)**

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	
A19138	<b>43,091</b>	<b>37,874</b>	<b>89.9</b>	<b>94.8</b>	<b>76.6</b>	<b>89.0</b>	<b>88.3</b>	<b>98.7</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
 (Commercial Designation      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014, ASC 029 (MTOW increase, weight variant)**

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	
A19139	<b>45,177</b>	<b>37,874</b>	<b>89.8</b>	<b>95.0</b>	<b>77.5</b>	<b>89.0</b>	<b>88.3</b>	<b>98.9</b>	-

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





Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GVI**  
 (Commercial Designation      **G650ER)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-725A1-12**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 014, ASC 082 (MTOW increase, weight variant)**

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	
A19140	<b>45,500</b>	<b>37,874</b>	<b>89.7</b>	<b>95.0</b>	<b>77.9</b>	<b>89.0</b>	<b>88.3</b>	<b>98.9</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.169 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	21 December 2012	Initial Issue
Issue 2	18 May 2016	Record A19110 added.
Issue 3	30 July 2020	Records A19136-A19140 added.

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