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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.IM.A.070**

**for**

**Gulfstream GII, GIII, GIV & GV**

**Type Certificate Holder:**

**Gulfstream Aerospace Corporation**

P. O. Box 2206

Savannah, Georgia 31402-2206

USA

For models: G1159 (GII)  
G1159A (GIII)  
G1159B (GIIB)  
GIV  
GIV-X  
GV  
GV-SP



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Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **G1159**  
 (Commercial Designation      **GII**)

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Spey 511-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 175 (Chapter 2 hushkit)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **2**

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	
A5011	<b>28,123</b>	<b>26,535</b>	<b>102.7</b>	<b>102.0</b>	<b>90.9</b>	<b>93.0</b>	<b>98.2</b>	<b>102.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **G1159**  
(Commercial Designation      **GII**)

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Spey 511-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 200 (Chapter 2 hushkit, wing tip tanks)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **2**

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	
A5012	<b>29,710</b>	<b>26,535</b>	<b>103.0</b>	<b>102.0</b>	<b>92.5</b>	<b>93.0</b>	<b>98.3</b>	<b>102.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **G1159A**  
 (Commercial Designation      **GIII**)

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Spey 511-8**

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      Chapter<sup>1</sup>      **2**

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	
A5014	<b>31,615</b>	<b>26,535</b>	<b>103.4</b>	<b>102.0</b>	<b>91.1</b>	<b>93.0</b>	<b>97.3</b>	<b>102.0</b>	-
A5013	<b>30,935</b>	<b>26,535</b>	<b>103.4</b>	<b>102.0</b>	<b>91.1</b>	<b>93.0</b>	<b>97.3</b>	<b>102.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **G1159B**  
(Commercial Designation)      **GIIB)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Spey 511-8**

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      Chapter<sup>1</sup>      **2**

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	
A18903	<b>31,615</b>	<b>26,535</b>	<b>103.4</b>	<b>102.0</b>	<b>91.1</b>	<b>93.0</b>	<b>97.3</b>	<b>102.0</b>	-
A18904	<b>30,935</b>	<b>26,535</b>	<b>103.4</b>	<b>102.0</b>	<b>91.1</b>	<b>93.0</b>	<b>97.3</b>	<b>102.0</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 061 (49,000 lb. Zero Fuel Gross Weight Increase (with Speed Restriction) G-IV)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A8485	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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> **GIV**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**ASC 061, ASC487 (49,000 lb. Zero Fuel Gross Weight Increase (with Speed Restriction) GIV, Recertification Chapter 4)**

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

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	
A15469	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 261 (49,000 lb. Zero Fuel Gross Weight Increase G-IV)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A8486	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 261, ASC 487 (49,000 lb. Zero Fuel Gross Weight Increase G-IV, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15468	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

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      Chapter<sup>1</sup>      **3**

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	
A8487	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</b>	<b>98.0</b>	-
A3806	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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>      **GIV**  
(Commercial Designation)      **G300)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 436 (G300 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A8484	<b>32,658</b>	<b>29,937</b>	<b>87.7</b>	<b>94.0</b>	<b>78.2</b>	<b>89.0</b>	<b>93.3</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>      **GIV**  
(Commercial Designation      **G300)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 436, ASC 487 (G300 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15472	<b>32,658</b>	<b>29,937</b>	<b>87.7</b>	<b>94.0</b>	<b>78.2</b>	<b>89.0</b>	<b>93.3</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>      **GIV**  
(Commercial Designation)      **G400)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 440 (G400 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A8488	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</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>      **GIV**  
(Commercial Designation      **G400)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 440, ASC 487 (G400 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15473	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</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>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 190 (Increased Ramp, Landing and Zero Fuel Gross Weight G-IV)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A3807	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</b>	<b>98.0</b>	-

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





Type Certificate Holder <sup>1</sup>	<b>Gulfstream Aerospace Corporation</b>	Aircraft Type Designation <sup>1</sup>	<b>GIV</b>
Engine Manufacturer <sup>1</sup>	<b>Rolls-Royce</b>	Engine Type Designation <sup>1</sup>	<b>Tay 611-8</b>
Additional modifications essential to meet the requirements or needed to attain the certificated noise levels <sup>1</sup>		<b>ASC 190, ASC 487 (Increased Ramp, Landing and Zero Fuel Gross Weight G-IV, Recertification Chapter 4)</b>	
Noise Certification Basis	<b>ICAO Annex 16, Volume I</b>	Edition / Amendment	Chapter <sup>1</sup> <b>4</b>

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	
A15471	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</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>      **GIV**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 487 (Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15474	<b>33,838</b>	<b>29,937</b>	<b>87.6</b>	<b>94.0</b>	<b>79.0</b>	<b>89.0</b>	<b>93.3</b>	<b>98.0</b>	-
A15470	<b>33,203</b>	<b>26,535</b>	<b>87.7</b>	<b>94.0</b>	<b>78.6</b>	<b>89.0</b>	<b>91.0</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 007() (S/N 4001 & 4200, G450 Modification, Reduced MLW)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A15568	<b>33,520</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>75.8</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004 (S/N 4001 thru 4200, G350 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A4919	<b>32,159</b>	<b>29,937</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004, ASC 064 (S/N 4001 thru 4200, G350 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A15478	<b>32,159</b>	<b>29,937</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004, ASC 007() (S/N 4001 thru 4200, G350 Modification, Reduced MLW)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A15570	<b>32,159</b>	<b>26,535</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation)      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004, ASC 007(), ASC 064 (S/N 4001 thru 4200, G350 Modification, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A15483	<b>32,159</b>	<b>26,535</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005 (S/N 4001 thru 4200, G450 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A4918	<b>33,520</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>75.8</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 016 (S/N 4001 thru 4200, G450 Modification, MTOW increase)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A8918	<b>33,838</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 016, ASC 064 (S/N 4001 thru 4200, G450 Modification, MTOW increase, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A15480	<b>33,838</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 016, ASC 007() (S/N 4001 thru 4200, G450 Modification, MTOW increase, Reduced MLW)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A15569	<b>33,838</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.5</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> **GIV-X**  
(Commercial Designation **G450**)

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**ASC 005, ASC 016, ASC 007(), ASC 064 (S/N 4001 thru 4200, G450 Modification, MTOW increase, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** 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	
A15482	<b>33,838</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 064 (S/N 4001 thru 4200, G450 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A15479	<b>33,520</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>75.8</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 007(), ASC 064 (S/N 4001 thru 4200, G450 Modification, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A15481	<b>33,520</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>75.8</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004 (S/N 4201 & Subs, G350 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18941	<b>32,159</b>	<b>29,937</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G350)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 004, ASC 007() (S/N 4201 & Subs, G350 Modification, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18942	<b>32,159</b>	<b>26,535</b>	<b>89.7</b>	<b>94.0</b>	<b>74.1</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 016 (S/N 4201 thru 4239, G450 Modification, MTOW increase, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18943	<b>33,838</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.3</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> **GIV-X**  
(Commercial Designation **G450**)

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**ASC 005, ASC 016, ASC 007() (S/N 4201 thru 4239, G450 Modification, MTOW increase, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 5 / Amendment 9** 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	
A18946	<b>33,838</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005 (S/N 4201 thru 4239, G450 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18944	<b>33,520</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>75.8</b>	<b>89.0</b>	<b>92.3</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005, ASC 007() (S/N 4240 & Subs, G450 Modification, MTOW increase, Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18947	<b>33,838</b>	<b>26,535</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.5</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>      **GIV-X**  
(Commercial Designation      **G450)**

Engine Manufacturer<sup>1</sup>      **Rolls-Royce**      Engine Type Designation<sup>1</sup>      **Tay 611-8C**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 005 (S/N 4240 & Subs, G450 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 5 / Amendment 9**      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	
A18945	<b>33,838</b>	<b>29,937</b>	<b>89.5</b>	<b>94.0</b>	<b>76.2</b>	<b>89.0</b>	<b>92.3</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

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 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A1901	<b>41,050</b>	<b>34,155</b>	<b>89.1</b>	<b>94.6</b>	<b>80.3</b>	<b>89.0</b>	<b>90.8</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 197 (Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15477	<b>41,050</b>	<b>34,155</b>	<b>89.1</b>	<b>94.6</b>	<b>80.3</b>	<b>89.0</b>	<b>90.8</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 064 (Reduced MLW)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A15566	<b>41,050</b>	<b>34,019</b>	<b>89.1</b>	<b>94.6</b>	<b>80.3</b>	<b>89.0</b>	<b>90.9</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 064A (Reduced MLW and MTOW)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **3**

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	
A15567	<b>34,019</b>	<b>34,019</b>	<b>89.7</b>	<b>94.0</b>	<b>75.2</b>	<b>89.0</b>	<b>90.9</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 064A, ASC 197 (Reduced MLW and MTOW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15475	<b>34,019</b>	<b>34,019</b>	<b>89.7</b>	<b>94.0</b>	<b>75.2</b>	<b>89.0</b>	<b>90.9</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>      **GV**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710A1-10**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 064, ASC 197 (Reduced MLW, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15476	<b>41,050</b>	<b>34,019</b>	<b>89.1</b>	<b>94.6</b>	<b>80.3</b>	<b>89.0</b>	<b>90.9</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>      **GV-SP**  
(Commercial Designation)      **G500)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710C4-11**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 010 (G500 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A5287	<b>38,601</b>	<b>34,155</b>	<b>90.5</b>	<b>94.4</b>	<b>77.6</b>	<b>89.0</b>	<b>90.8</b>	<b>98.3</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GV-SP**  
 (Commercial Designation      **G500)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710C4-11**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 010, ASC 089 (G500 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15484	<b>38,601</b>	<b>34,155</b>	<b>90.5</b>	<b>94.4</b>	<b>77.6</b>	<b>89.0</b>	<b>90.8</b>	<b>98.3</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GV-SP**  
(Commercial Designation)      **G550)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710C4-11**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 011 (G550 Modification)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **Edition 3 / Amendment 7**      Chapter<sup>1</sup>      **3**

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	
A1902	<b>41,277</b>	<b>34,155</b>	<b>90.2</b>	<b>94.6</b>	<b>79.3</b>	<b>89.0</b>	<b>90.8</b>	<b>98.6</b>	-

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



Type Certificate Holder<sup>1</sup>      **Gulfstream Aerospace Corporation**      Aircraft Type Designation<sup>1</sup>      **GV-SP**  
 (Commercial Designation      **G550)**

Engine Manufacturer<sup>1</sup>      **BMW Rolls-Royce**      Engine Type Designation<sup>1</sup>      **BR700-710C4-11**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels<sup>1</sup>      **ASC 011, ASC 089 (G550 Modification, Recertification Chapter 4)**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      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	
A15485	<b>41,277</b>	<b>34,155</b>	<b>90.2</b>	<b>94.6</b>	<b>79.3</b>	<b>89.0</b>	<b>90.8</b>	<b>98.6</b>	-

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



**TCDSN EASA.IM.A.070 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	22 March 2007	Initial Issue
Issue 2	30 April 2007	Revised
Issue 3	15 January 2008	Revised
Issue 4	19 November 2008	Revised
Issue 5	21 July 2010	Revised
Issue 6	10 December 2010	Update of the modification field, new records for chapter 4 recertification
Issue 7	23 May 2012	Records A15568-A15570 and A15481-A15483: Modification number revised.
Issue 8	12 June 2013	Records A15570, A15483, A18897, A18898, A15568, A15481, A18903 and A18904 added; Type designation revised from GIV-SP to GIV
Issue 9	08 October 2014	Added new records A18941 through A18947, added reference to a/c S/N to those records already existing for aircraft modified via ASC 004 and ASC 005
Issue 10	28 September 2015	Revised to fix data corruption issues

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