

# ***European Aviation Safety Agency***

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## **EASA TYPE-CERTIFICATE DATA SHEET FOR NOISE**

**EMBRAER EMB-500**

**Manufacturer: Embraer**

Empresa Brasileira de Aeronautica SA  
Av. Brig. Faria Lima. 2170  
12227-901 São Jose dos Campos SP  
Brasil

For models: EMB-500

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Aircraft Manufacturer \* **Embraer** Aircraft Type Designation \* **Embraer EMB-500**

Engine Manufacturer \* **Pratt & Whitney Canada** Engine Type Designation \* **PW617F-E**

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

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

EASA Record No.	Variant Model	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
		Take-off * (kg)	Landing * (kg)	Level * Limit	Limit	Level * Limit	Limit	Level * Limit	Limit
A10194	-	<b>4750</b>	<b>4430</b>	<b>81.4</b>	<b>94.0</b>	<b>70.4</b>	<b>89.0</b>	<b>86.1</b>	<b>98.0</b>

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