

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

Embraer EMB-505

**Type Certificate Holder:
Embraer**

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

For models : EMB-505

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Type Certificate Holder* **Embraer** Aircraft Type Designation* **EMB-505**

Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW535E**

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* (dB)	Limit (dB)	Level* (dB)	Limit (dB)	Level* (dB)	Limit (dB)	
A14221	8.150	7.650	88,8	94,0	69,9	89,0	88,5	98,0	33,8

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

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

Change Record

Issue	Date	Changes
Issue 1	29 April 2010	Initial Issue.