



European Aviation Safety Agency

EASA

**TYPE-CERTIFICATE
DATA SHEET FOR NOISE**

No. EASA.IM.A.157

for

EMB 500

**Type Certificate Holder:
Embraer**

Av. Brig. Faria Lima. 2170
12227-901 São Jose dos Campos SP
Brasil

For models: EMB-500

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Type Certificate Holder¹ **Embraer** Aircraft Type Designation¹ **EMB-500**
(Commercial Designation) **Phenom 100)**

Engine Manufacturer¹ **Pratt & Whitney Canada** Engine Type Designation¹ **PW617F-E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 4 / Amendment 8** Chapter¹ **4**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
A18905	4,800	4,480	81.4	94.0	70.8	89.0	86.1	98.0	-
A10194	4,750	4,430	81.4	94.0	70.4	89.0	86.1	98.0	-

¹ See Note 1.

TCDSN EASA.IM.A.157 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

Issue	Date	Changes
Issue 1	24 April 2009	Initial Issue
Issue 2	05 November 2013	Maximum Weight Increase

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