



ICAO Noise Data Base

ID:EMBRAER_10038

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER
Commercial name BRASILIA
Type EMB-120 Version -

ENGINE

Type PW115
Number of Engines 2
Nacelle
Propeller HS 14RF-9
Power 1342.30 kW
Number of blades
Maximum Take-Off Mass 11500 (Kg) Slats/Flaps (-/15°)
Maximum Landing Mass 11250 (Kg) Slats/Flaps (-/45°)

NOISE CERTIFICATION STANDARD

Noise Regulation RBHA 36/FAA Part 36 Ammendments 1 through 12
Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	82.8	92.7	80.8
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	11.2	5.3	8.2

Cumulative Margin (EPNdB) **24.70**

Remarks -

Date of Certification 13/05/05 Certification Authority ANAC