



ICAO Noise Data Base

ID:EMBRAER_10005

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER
Commercial name ERJ 145
Type EMB-145 Version EP

ENGINE

Type AE3007A1
Number of Engines 2
Nacelle
Propeller
Thrust (Sea Level Static) 33.40 kN
ByPass Ratio(SLS) 4.8
Maximum Take-Off Mass 20990 (Kg) Slats/Flaps (-/9°)
Maximum Landing Mass 18700 (Kg) Slats/Flaps (-/45°)

NOISE CERTIFICATION STANDARD

Noise Regulation RBHA 36/14 CFR Part 36 Amendments 1 through 27
Chapter or Stage 4

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	85	92.6	80.1
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	9	5.4	8.9

Cumulative Margin (EPNdB) 23.30

Remarks -

Date of Certification 23/10/97 Certification Authority ANAC