



# ICAO Noise Data Base

ID:EMBRAER\_10000

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER  
 Commercial name Legacy 600  
 Type EMB-135 Version BJ

## ENGINE

Type AE3007A1E  
 Number of Engines 2  
 Nacelle  
 Propeller  
 Thrust (Sea Level Static) 39.10 kN  
 ByPass Ratio(SLS) 4.8  
 Maximum Take-Off Mass 22500 (Kg) Slats/Flaps (-/9°)  
 Maximum Landing Mass 18500 (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)	86.8	91.3	79.7
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	7.2	6.7	9.3

Cumulative Margin (EPNdB) 23.20

Remarks -

Date of Certification 10/12/01 Certification Authority ANAC