



# ICAO Noise Data Base

ID:EMBRAER\_10154

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER  
 Commercial name EMBRAER 175  
 Type ERJ 170-200 Version STD

## ENGINE

Type CF34-8E5  
 Number of Engines 2  
 Nacelle  
 Propeller  
 Thrust (Sea Level Static) 57.60 kN  
 ByPass Ratio(SLS) 5.0  
 Maximum Take-Off Mass 37500 (Kg) Slats/Flaps (12° / 15°) / (4,9° / 7,3° - 4,5° / 7,4°)  
 Maximum Landing Mass 34000 (Kg) Slats/Flaps (20° / 25°) / (34,5° / 13,8° - 34,2° / 15,3°)

## NOISE CERTIFICATION STANDARD

Noise Regulation RBHA 36 / ICAO Annex 16, Volume 1, Chapter 3, Amendment 7  
 Chapter or Stage 3

## MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		Engine #2

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	92.1	95	83.3
Noise Limit (EPNdB)	94.3	98.2	89
Margin (EPNdB)	2.2	3.2	5.7

Cumulative Margin (EPNdB) 11.10

Remarks Inlet Assembly P/N 15C0003007 and on, excluded the PN 15C0003301, Thrust Reverser LH assemblies P/N 15G0002-013 and on, Thrust Reverser RH assemblies P/N 15G0003-013 and on.

Date of Certification 22/12/04 Certification Authority ANAC