



# ICAO Noise Data Base

ID:EMBRAER\_10034

## MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER  
Commercial name EMBRAER 190  
Type ERJ 190-100 Version STD

## ENGINE

Type CF34-10E5  
Number of Engines 2  
Nacelle  
Propeller  
Thrust (Sea Level Static) 76.10 kN  
ByPass Ratio(SLS) 5.0  
Maximum Take-Off Mass 47790 (Kg) Slats/Flaps 15°/7° - 8°  
Maximum Landing Mass 43000 (Kg) Slats/Flaps 25° / 37° - 15°

## 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		Low Loss Chevron Nozzle (LLCN)

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	92.1	92.7	84.7
Noise Limit (EPNdB)	95.2	99	89
Margin (EPNdB)	3.1	6.3	4.3

Cumulative Margin (EPNdB) 13.70

Remarks Engine designations G03 and G05

Date of Certification 30/08/05 Certification Authority ANAC