

ICAO Noise Data Base

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer

BOEING McDONNELL DOUGLAS

Commercial name

Type MD-87 Version

ENGINE

Type JT8D-217A

Number of Engines 2

Nacelle Propeller

Thrust (Sea Level Static) 89.00 kN

ByPass Ratio(SLS) 1.8

Maximum Take-Off Mass 56699 (Kg) Slats/Flaps /0

Maximum Landing Mass 54431 (Kg) Slats/Flaps /40

NOISE CERTIFICATION STANDARD

Noise Regulation FAA FAR Part 36

Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	96.4	92.9	84.3
Noise Limit (EPNdB)	95.8	99.6	89.9
Margin (EPNdB)	-0.6	6.7	5.6

Cumulative Margin (EPNdB) 11.70

Remarks -

Date of Certification / / Certification Authority FAA