



ICAO Noise Data Base

ID:RUSSIAN_DATA_10093

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer ANTONOV
Commercial name
Type AN-38 Version 100

ENGINE

Type TPE331-14GR
Number of Engines 2
Nacelle
Propeller HC-B5MA-5A/M1 1276NK-3
Power
Number of blades
Maximum Take-Off Mass 9500 (Kg) Slats/Flaps /15
Maximum Landing Mass 9500 (Kg) Slats/Flaps /30

NOISE CERTIFICATION STANDARD

Noise Regulation ICAO Annex 16, Volume I
Chapter or Stage 3

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	87.8	89.4	81.5
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	6.2	8.6	7.5

Cumulative Margin (EPNdB) **22.30**

Remarks -

Date of Certification 19/12/07 Certification Authority Aviation Register of Russia