



ICAO Noise Data Base

ID:EMBRAER_10492

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

Manufacturer EMBRAER
 Commercial name PHENOM 300
 Type EMB-505 Version -

ENGINE

Type PW535E
 Number of Engines 2
 Nacelle
 Propeller
 Thrust (Sea Level Static) 14.90 kN
 ByPass Ratio(SLS) 3.5
 Maximum Take-Off Mass 8150 (Kg) Slats/Flaps (-/10°)
 Maximum Landing Mass 7650 (Kg) Slats/Flaps (-/35°)

NOISE CERTIFICATION STANDARD

Noise Regulation RBAC 36 Amendment 28/ 14 CFR Part 36 Amendment 28
 Chapter or Stage 4

MODIFICATIONS

	Aircraft	Engine
Modification Number		
Modification Description		-

	Lateral/Full-Power	Approach	Flyover
Noise Level (EPNdB)	88.8	88.9	69.9
Noise Limit (EPNdB)	94	98	89
Margin (EPNdB)	5.2	9.1	19.1

Cumulative Margin (EPNdB) **33.40**

Remarks -

Date of Certification 23/11/12 Certification Authority ANAC