



Pipistrel Alpha Aircraft

tabbles®
EXHIBIT
C-5

Pipistrel Electric Noise Level

The noise levels cited in the FAA Pilot Operating Handbook are measured at 1000' distance flyover with no ground obstructions. In our case the trees, shrubs and terrain greatly attenuate the noise and the distances are greater than 1000' to all residences. As far as attenuation by distance, sound dissipates as a function of the square of the distance (area of sphere of energy)...

This means the sound at 2500', will result in a <51dB(A).

5.13 NOISE CHARACTERISTICS

Noise level according to ICAO Annex 16, Chapter 10:

Measured: 60.1 dB(A)

Max. allow. noise level: 70.8 dB(A)

500' Takeoff - Noise Measurement - Electric Pipistrel

