

On the use of Acoustic Wind Tunnel Data for the Simulation of sUAS Flyover Noise

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SOUND FILE LISTING

- Audio Sample 1: Periodic noise synthesized from 1/rev data – single rotor operation (Figure 8)
- Audio Sample 2: Periodic noise synthesized from 1/blade passage data – single rotor operation (Figure 8)
- Audio Sample 3: LSAWT broadband noise – single rotor operation (Figure 9)
- Audio Sample 4: Synthesized broadband noise – single rotor operation (Figure 9)
- Audio Sample 5: LSAWT total noise – single rotor operation (Figure 12)
- Audio Sample 6: Synthesized total noise – single rotor operation (Figure 12)
- Audio Sample 7: LSAWT total noise – dual rotor operation (Figure 13)
- Audio Sample 8: Synthesized total noise – dual rotor operation (Figure 13)
- Audio Sample 9: Flight test recording at microphone 1
- Audio Sample 10: Flight test recording at microphone 2 (Figure 14)
- Audio Sample 11: Flight test recording at microphone 3
- Audio Sample 12: Pseudorecording at flyover microphone – Colocated source (Figure 16)
- Audio Sample 13: Pseudorecording at flyover microphone – Separated sources (Figure 16)
- Audio Sample 14: Untuned pseudorecording at microphone 2 (Figure 19)
- Audio Sample 15: Tuned pseudorecording at microphone 2 (Figure 19)
- Audio Sample 16: Interleaved audio sample 14 and 10 from 13.6s – 29.6s
- Audio Sample 17: Interleaved audio sample 15 and 10 from 13.6s – 29.6s
- Audio Sample 18: Tuned pseudorecording at microphone 1 (Figure 21)
- Audio Sample 19: Interleaved audio sample 18 and 9 from 13.6s – 29.6s

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