

Noise Regulation Review for Remotely Piloted Aircraft and Specialised Aircraft

Good afternoon Department of Transport,

I wish to provide a submission around the review above, specifically the noises from drone delivery vehicles from companies such as Wing and their delivery drones.

The main problem of the drone noise is the high pitch of the sound when the drones fly over private residences and properties. I would ask that the following factors be considered around drone noise:

1. The timings of drone usage, and the impact upon residential properties, in terms of resident's sleep, the ability to use their residences without detriment or impact from the noise.
2. The impact of the drone usage upon shiftworkers, who may be sleeping at home during the day. This may be a safety issue for paramedic, fire and police workers who complete night shift and live in their current residential area due to the quiet nature of the suburb.
3. The flight patterns and heights of drones, such as how close they are able to fly to residential areas in terms of height and whether they follow road systems or are able to overfly roofs and gardens.
4. The frequency of drone usage. If a drone is flying hourly, that is a different impact to ten drones an hour. The cumulative sound impact increases as the frequency of usage increases.
5. Designated quiet times. Particularly for residential areas with babies, young children, or children with special needs such as Autism, these noises will have a greater disruptive impact.
6. Mechanisms to regulate, audit and lodge complaints. There needs to be a clear range of guidelines around sound limits, movements, timings and flight patterns. They are all linked. There also needs to be a mechanism for local residents to lodge complaints where they think the regulations have been breached.
7. Lastly, these regulations need to be at a national level. Having different requirements in NSW, and then just over the border, a further set of regulations is confusing, and will led to excessive regulation, and a lack of understanding of their rights, in the case of local residents.

Yours sincerely,

Dennis Maddock

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22 Nov 19