

Risk Assessment Form 24/10/2024

Location(s) of Activity:
Personal accommodation

Activity Title:
PID tuning for face centre tracking and height adjustment

What are the hazards?	List the harm associated with the hazard	Risk Evaluation without controls in place High/Med/Low	What control measures are, or will be put, in place to control the risk? List all elimination, substitution, engineering and/or administrative controls	Risk Evaluation with controls in place High/Med/Low
Drone hitting person	Injury of person	Med	Leaving only the person that controls the drone can stay in the room.	Low
Drone destroying items in room	Damage of items like monitor or laptop	High	Evaluate the movement of drone before entering the movement command from keyboard	Low
The suction created by the propeller may draw in some lighter objects.	Damage the propeller or the light-weight object	High	Move light-weight objects to another place	Med
Movement control programme terminated.	Drone would lost control and hover. Hard to land without the controlling programme	High	DO NOT TURN OFF THE DRONE WITH HANDS! Wait for 15s and the drone would land itself (Since no updated instruction sent to drone).	High, the landing procedure is still out of control.

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Drone moving too fast during the tuning process	Hit other objects and person.	High	Write a force terminate programme. When a certain key is pressed, the tuning process terminates immediately and drone starts landing.	Med
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