



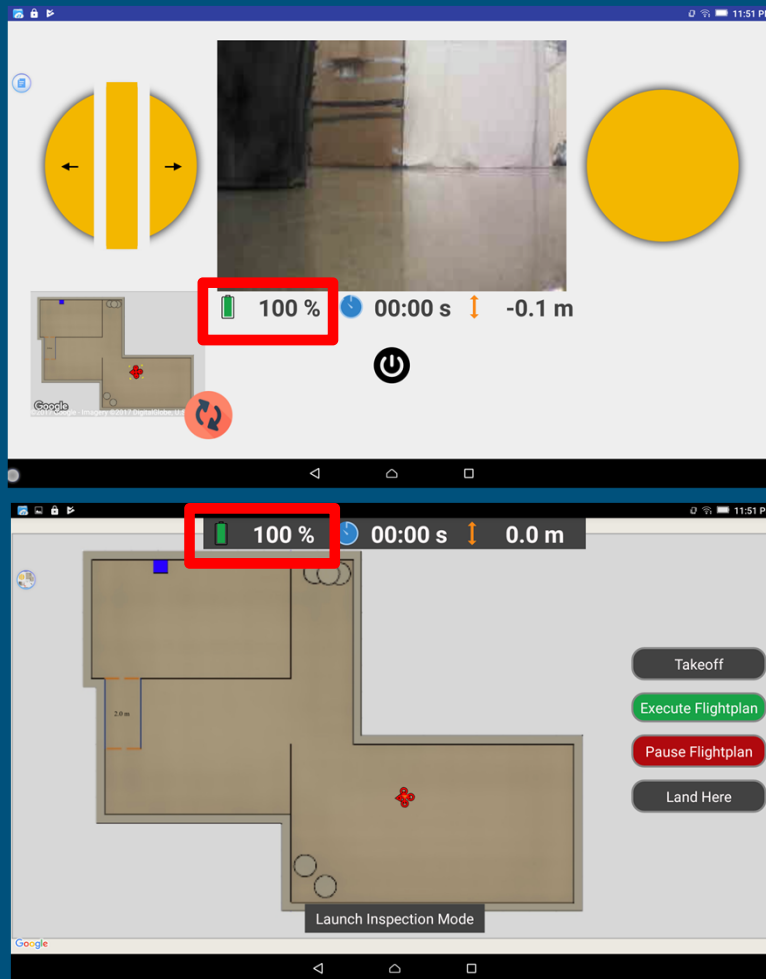
# Module 6

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## Guidelines for Safety and Emergency Handling

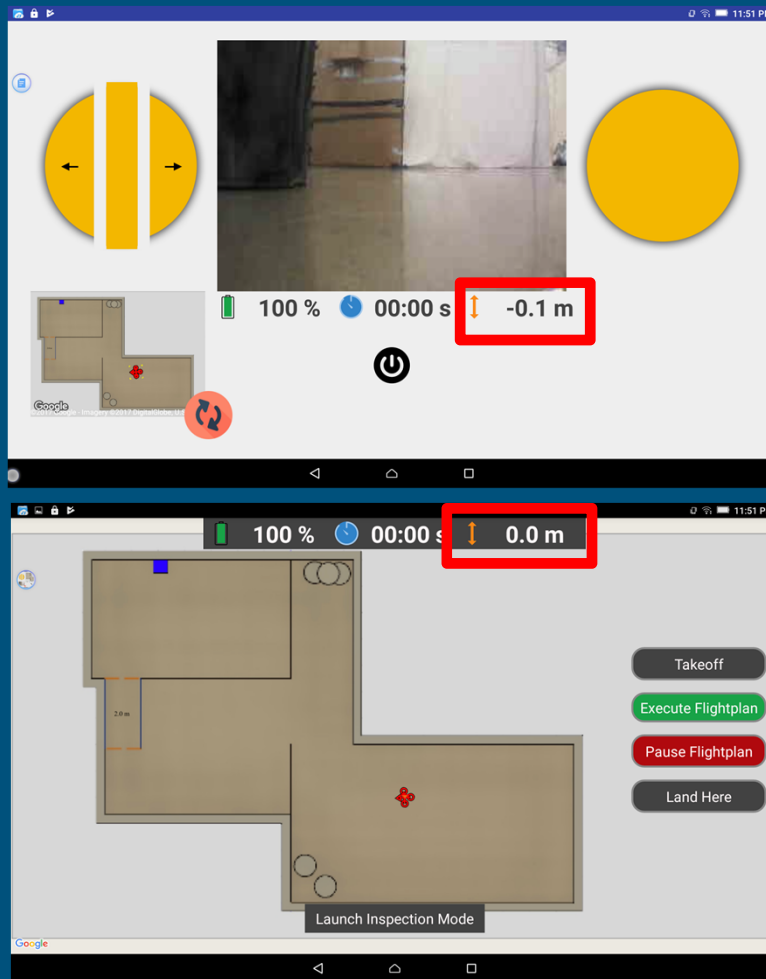


# Health Status Check



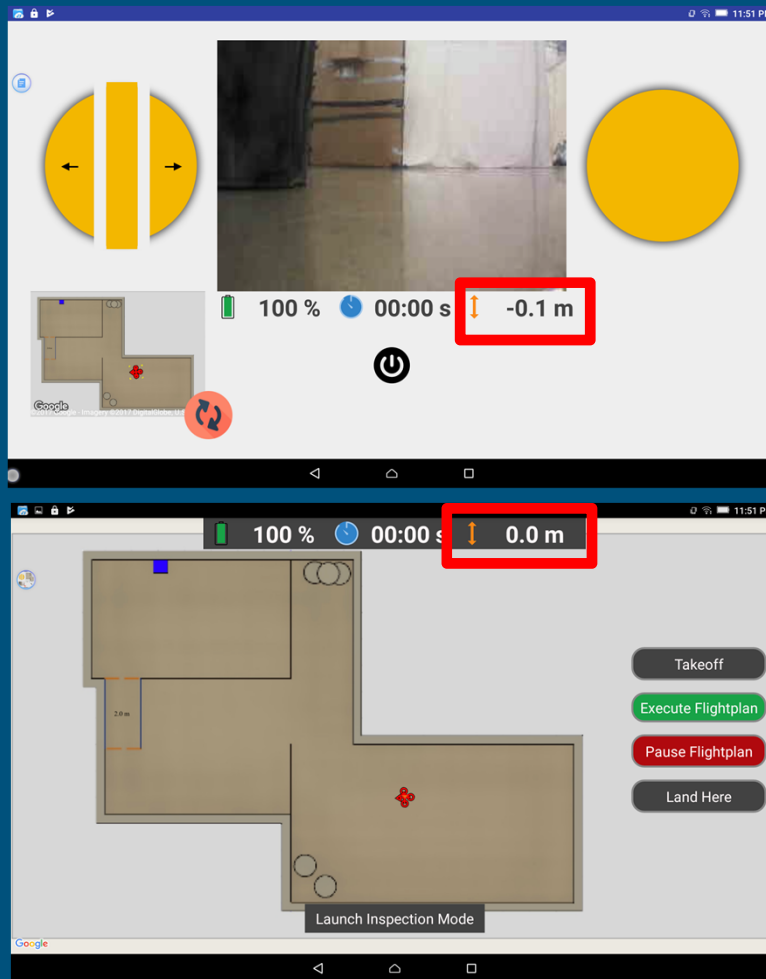
- You can check battery life in the status bar
- If battery life falls below 20%, please land the drone immediately and notify the supervisor, otherwise the drone might behave unexpectedly.

# Altitude Control



- You can check current altitude in the status bar
- While navigating the drone, you may freely adjust the altitude.

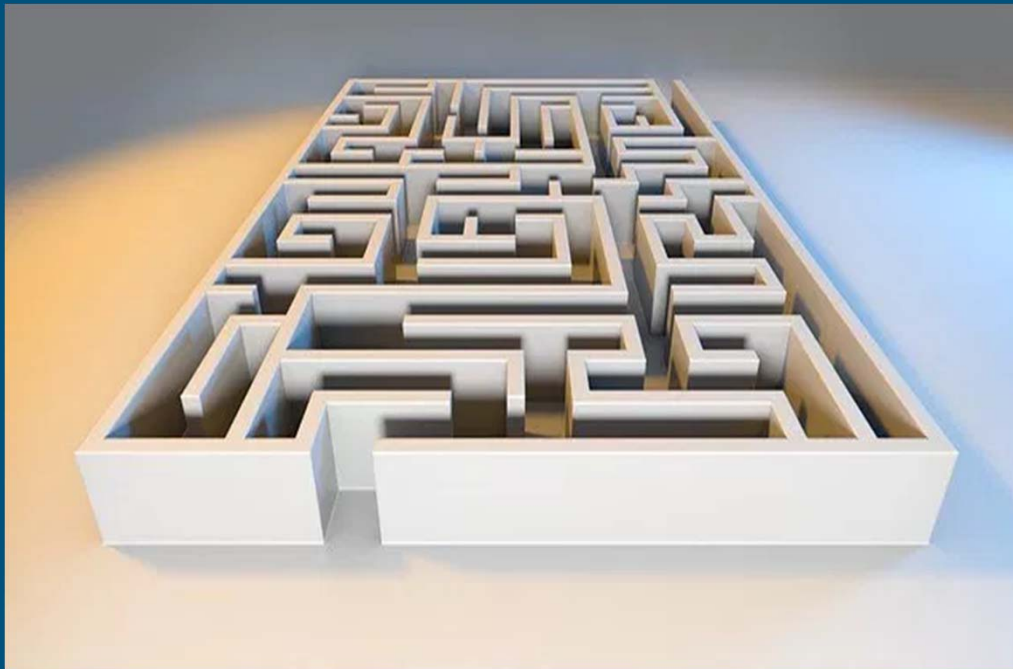
# Altitude Control



- But keep in mind that that we are flying the drone indoors in a limited space.
- Accordingly, we suggest you fly between an altitude of 0.0 – 2.2 m.

# Avoiding Obstacles

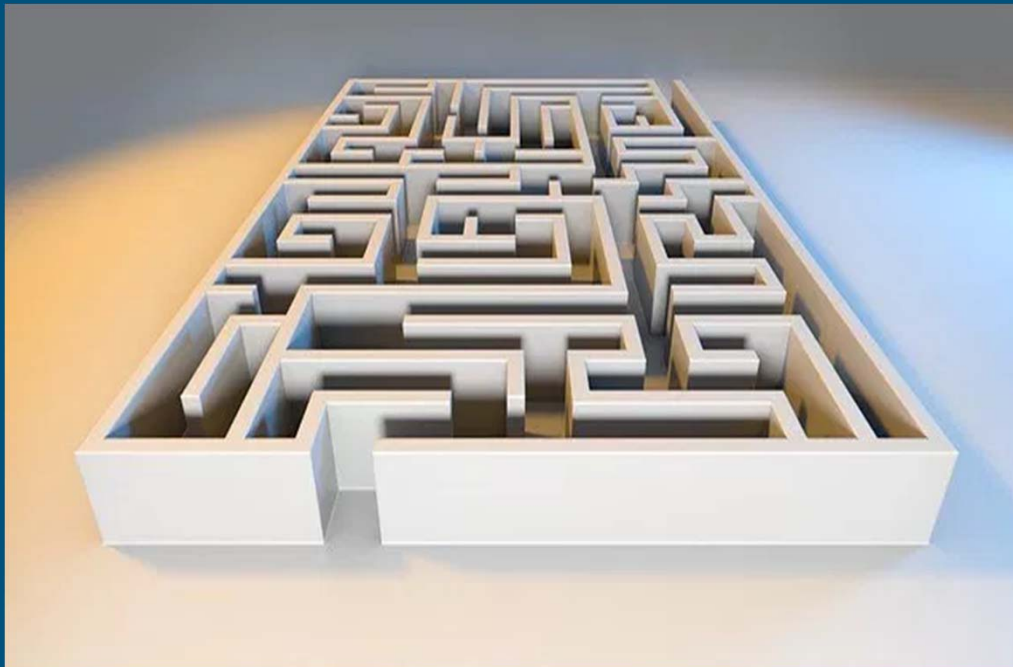
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- **While navigating the drone, you may also freely choose and set your own path.**
- **However, please do not attempt to crash into any obstacles on purpose.**
- **Crashing will result in the failure of the mission.**

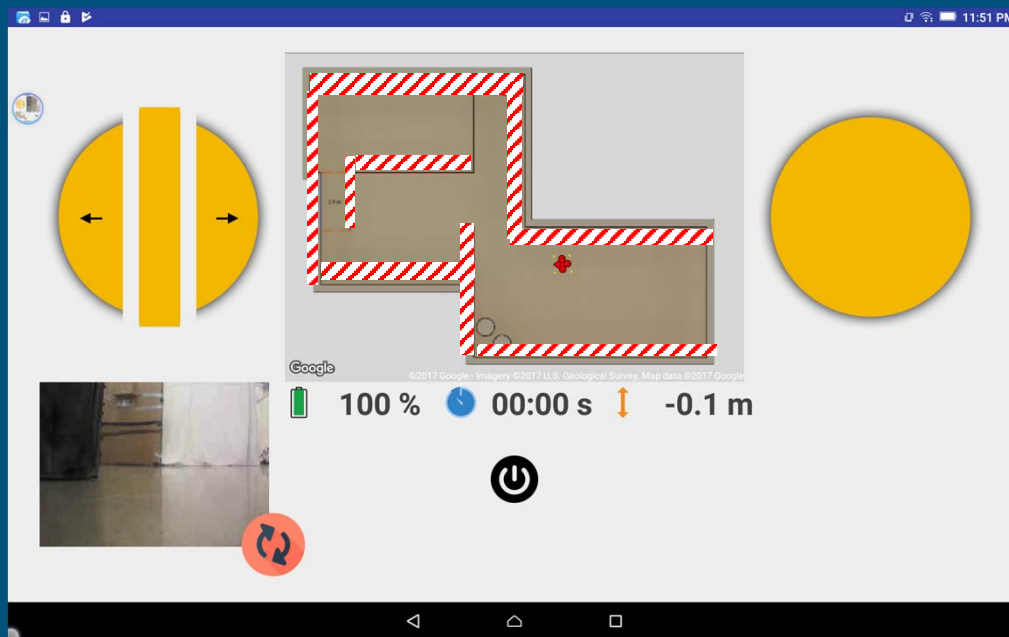
# Avoiding Obstacles

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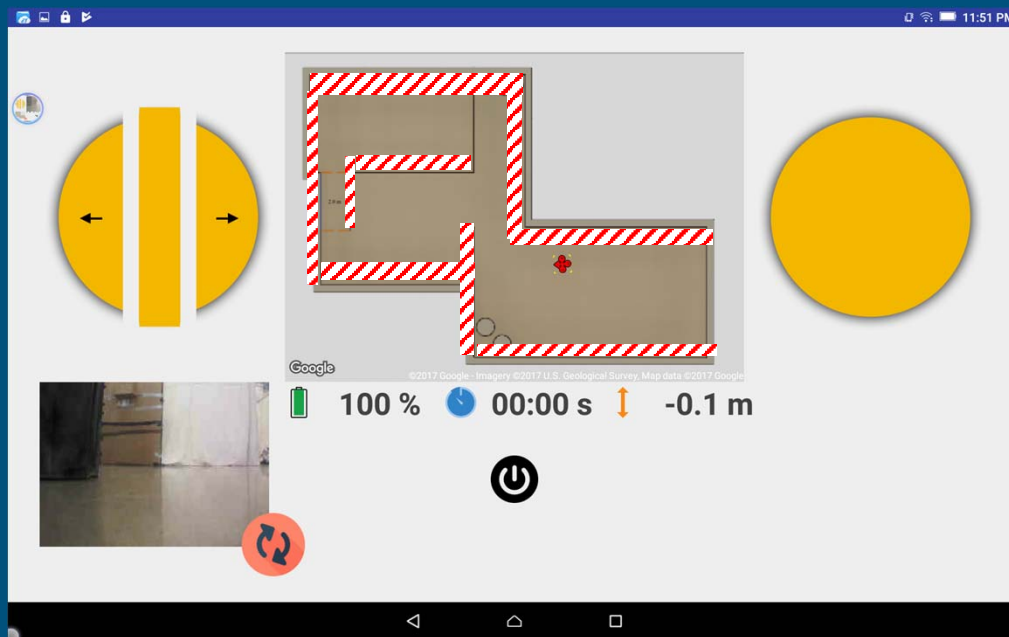
- It is up to you as an UAV operator to avoid visible obstacles as best as possible.
- Be patient, take your time to look around with camera whenever necessary (use the inspection mode in the supervisory mode app), and find a suitable path.

# Collision Avoidance



- The drone is equipped with a simple collision avoidance system

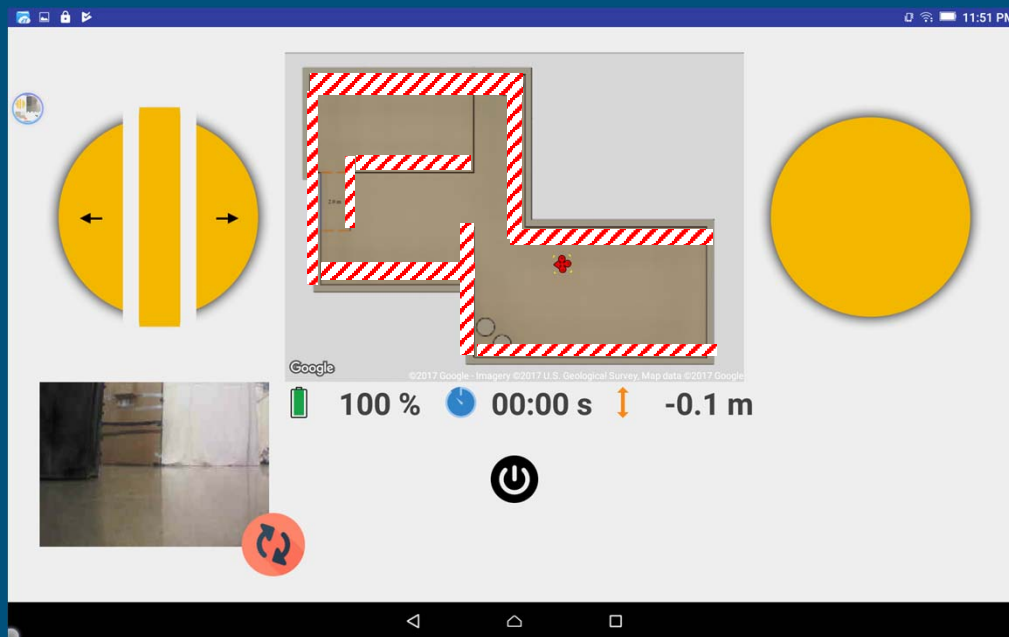
# Collision Avoidance



- If the system is triggered, the drone will start moving slowly. However, it will not completely stop the drone from hitting obstacles.



# Collision Avoidance



- Also, the collision avoidance system may not detect obstacles that are not shown on the map
- Again, it is up to you to avoid obstacles

# Emergency Situations

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- **The flight shall be suspended in any of the following situations:**
  - **The camera feed malfunctions.**
  - **The drone malfunctions.**
  - **The drone is damaged.**
  - **The battery falls below 20%.**
- **At any point, you may voluntarily stop the experiment by notifying the supervisor.**

# Congratulations !

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End of Final Module