

Module 6: Guideline for Safety and Emergency Handling

1. All of the following situations might lead to malfunction of drone or potential danger except for the case when:
 - A. Battery level is below 20% **The drone may act irregularly if the battery is below 20%**
 - B. Altitude is over 5 m **It is dangerous to fly the drone above 5m, it may cause a crash**
 - C. **Flight time indicates that it has been 4 minutes since takeoff**
 - D. Video feed is not working **If the video feed is not working, the test may be suspended**

2. During flight, all of the following are highly recommended to do except for:
 - A. Using the video feed to look around the environment **Use the video feed to stay aware of your surroundings**
 - B. **Attempting to pass through obstacles directly for a faster time This may result in a crash**
 - C. Check battery status frequently **This is important because the drone may act irregularly with low battery**
 - D. Asking for help from supervisors in an unexpected emergency situation **Better safe than sorry**

3. In all of the following emergency situations, flight trial shall be suspended arbitrarily except for the case when:
 - A. The testing environment is damaged.
 - B. The Wi-Fi connection to the drone malfunctions.
 - C. Any of VICON camera needs recalibration / reboot.
 - D. **Your performance in flight control is far behind the average level. Testing will continue until any of the other conditions are met or the participant decides not to continue further**

4. If you wish to stop / pause your current flight trial for any reason, you need to:
 - A. **Tell your supervisor You may choose to end the experiment at any time and you will be compensated accordingly for your time**
 - B. File a report regarding the incident afterwards
 - C. Control drone to crash into nearby walls to force the drone stop immediately in order to prevent potential dangers
 - D. You are not allowed to stop flight once you get started except for emergency situations