



9. BATTERY ACTIVATION

Difficulty Level: Easy

Completion Period: 1 course hour

Objectives

In this exercise, students will gain practical skills in the activation and management of Unmanned Aerial Vehicle (UAV) batteries. Through hands-on experience, students will learn the correct procedures for safely activating and connecting batteries to drones. They will understand the significance of battery health, proper charging, and storage practices to ensure optimal flight performance and longevity. By the end of this exercise, students will be proficient in managing UAV batteries effectively, promoting safe and efficient drone operations while emphasizing responsible battery handling and maintenance.

Achievements

The skills that our students will gain are:

- Understanding the correct sequence of steps to activate and connect batteries to drones.
- Ensuring proper alignment and connection for reliable power supply.
- Learning proper techniques for handling UAV batteries safely.
- Learning to assess battery health and condition before flight.
- Recognizing signs of wear, damage, or degradation.

Required material

- Drone Mavic Pro
- DJI Mavic Pro Remote Controller



Implementation - Battery activation

1. Remove the storage cover.





2. Unfold the drone's arms.



3. When using the battery for the first time make sure that the battery is mounted securely.





4. Connect the USB-C port at the rear of the aircraft directly to the battery charger until the battery indicators are ON, indicating the battery is successfully activated.





5. If you are activating three new batteries simultaneously with the battery charging hub, note that activation and charging of the second battery will not begin until the first battery is activated and fully charged.





6. Press the aircraft power button once.



7. And then again and hold for about two seconds to power on or off the aircraft.

