



8. ATTACHING THE PROPELLERS

Difficulty Level: Easy

Completion Period: 1 course hour

Objectives

In this exercise, students will gain practical proficiency in the process of safely attaching propellers to Unmanned Aerial Vehicles (UAVs). Through hands-on learning, students will understand the correct alignment and securing techniques necessary to ensure proper propeller installation. By the end of this exercise, students will be skilled in the crucial task of attaching propellers, promoting the safe and effective operation of drones.

Achievements

The skills that our students will gain are:

- Learning proper techniques for handling propellers safely.
- Developing the ability to align propellers correctly on motor shafts.
- Ensuring proper positioning for balanced flight.
- Understanding and following manufacturer's instructions for propeller attachment.
- Cultivating an eye for detail.

Required material

- Drone Mavic Pro
 - DJI Mavic Pro Remote Controller
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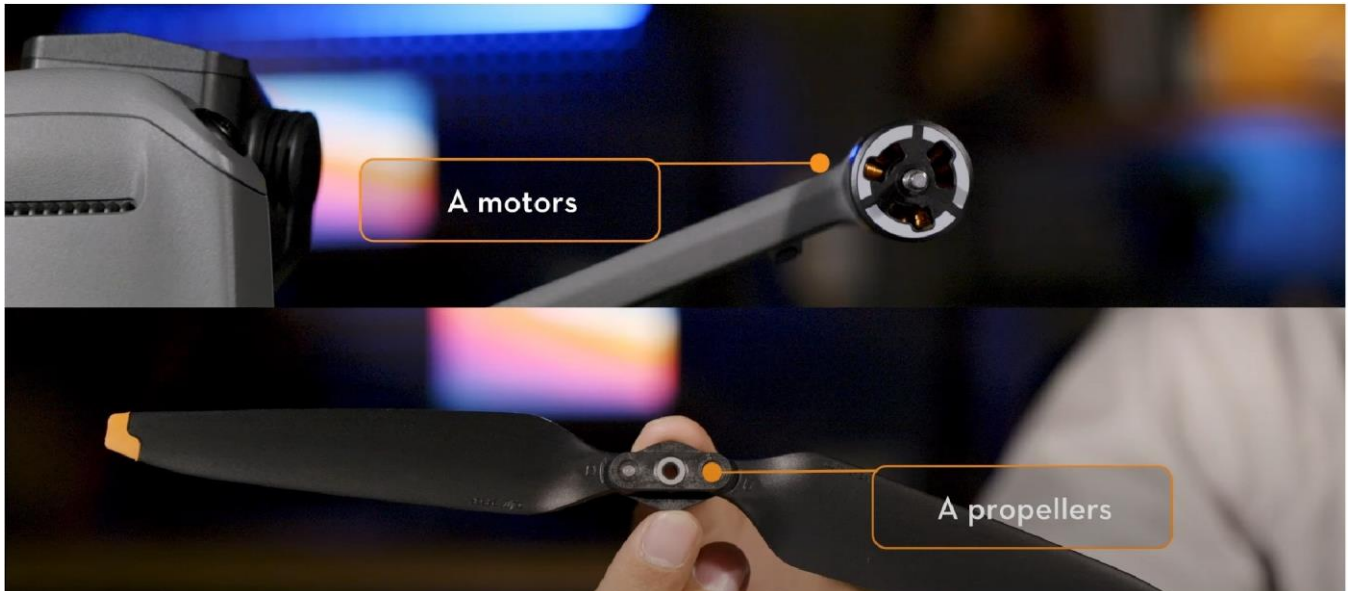
Implementation - Attaching the Propellers

1. DJI Mavic 3 Pro has two different types of motors (A/B) and propellers (A/B) that pair up





Propeller A which has a gray circle at its center should be mounted on Motor A which has a gray arc on its outer edge.



Propeller B without any gray circles at its center should be mounted on Motor B which has no gray arc on its outer edge.





2. Press the propellers down firmly and rotate to the lock direction until they click in place.

