

06.

MUAS Operation, Movement, and Terminologies

Micro-UAS Remote Pilot Course

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Agenda

1 Objectives

2 Expectations

3 Content

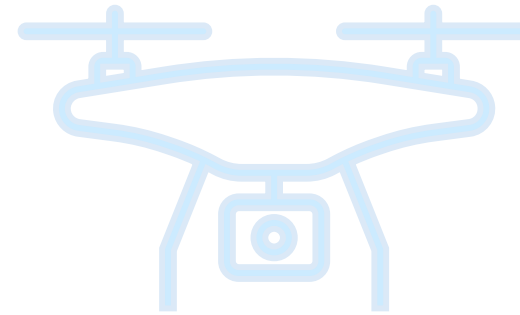
4 Demonstration

5 Exercises

Objectives

In this training we will cover:

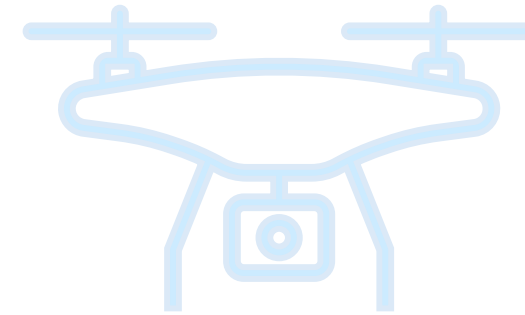
1. The terms used to describe the position, movement and direction of the UAS.
2. The controls used to create this movement.
3. And how the aircraft achieve this movement.



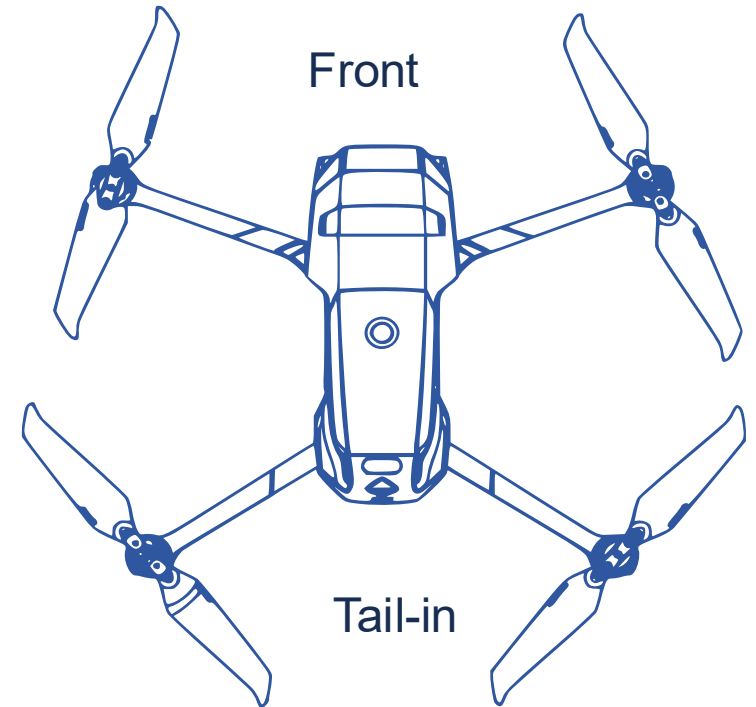
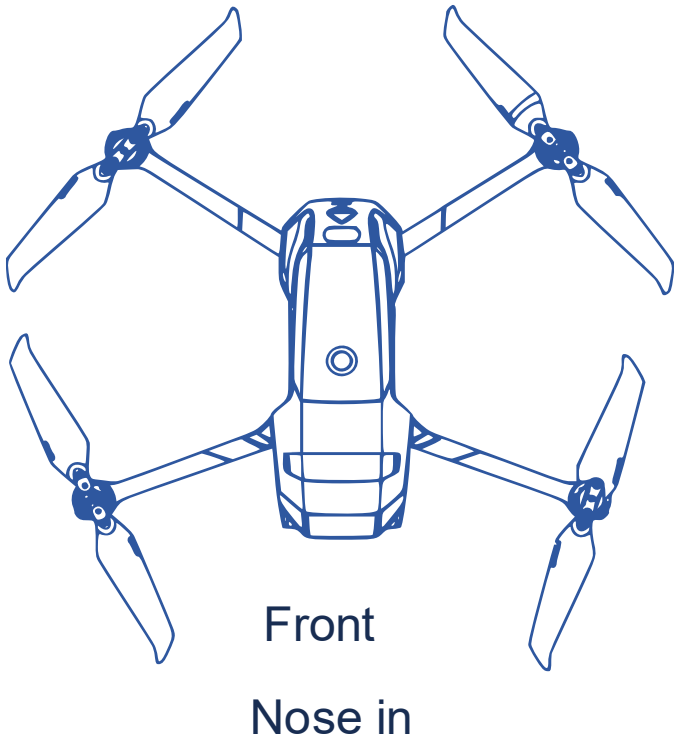
Expectations

- Communicate Clearly
- Operate Safely

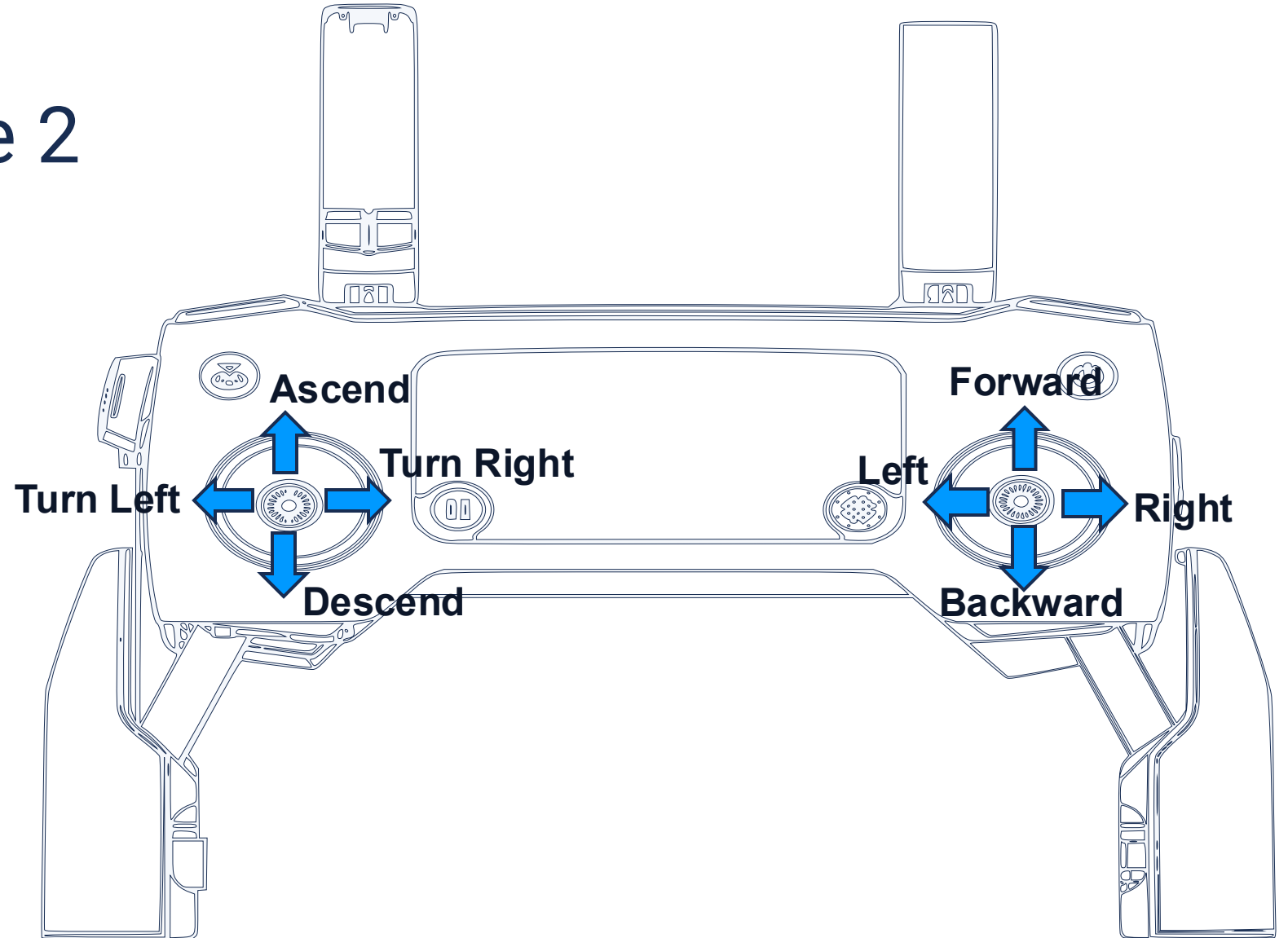
Why is this important for me?!



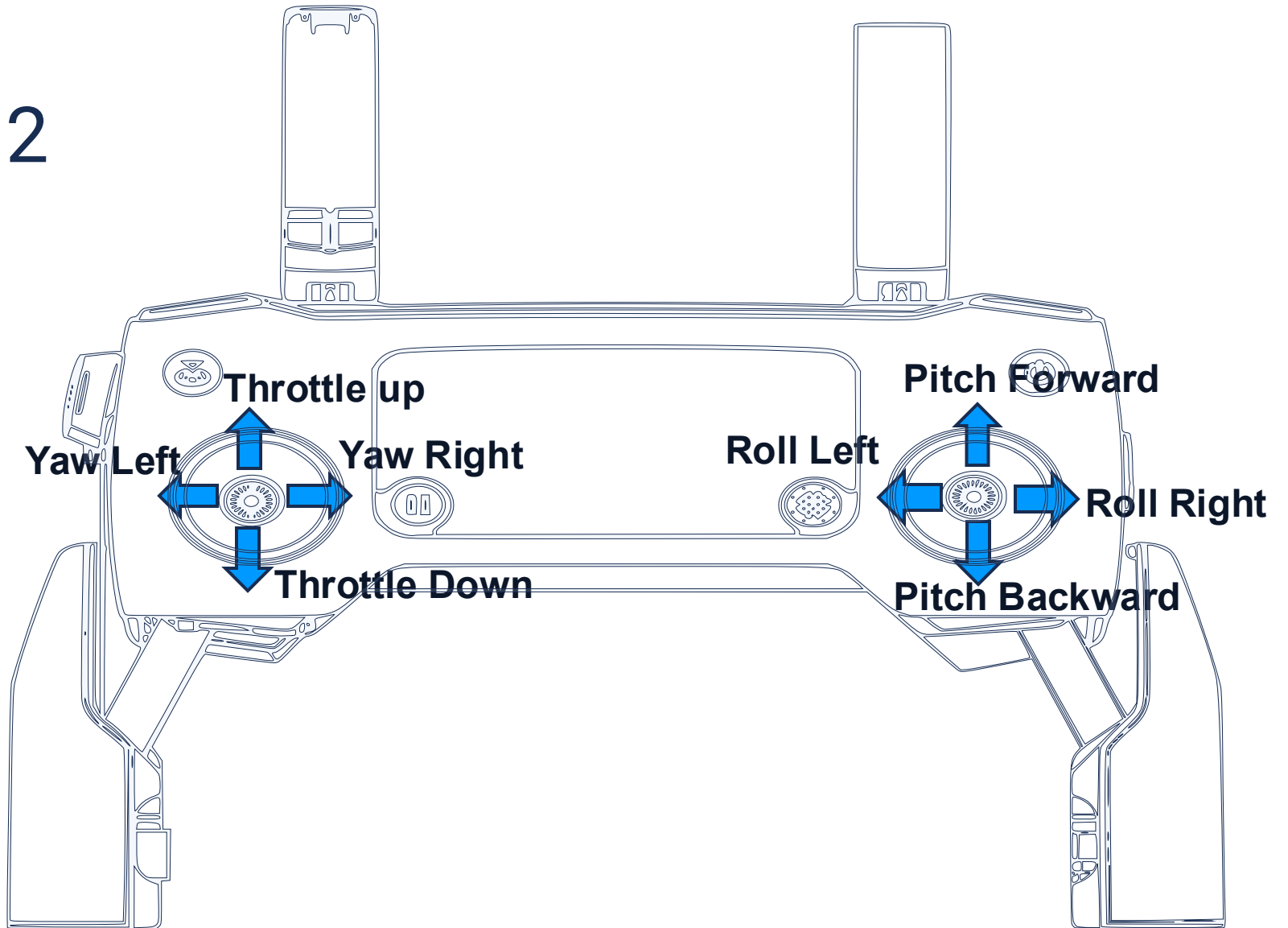
Position / Perspective



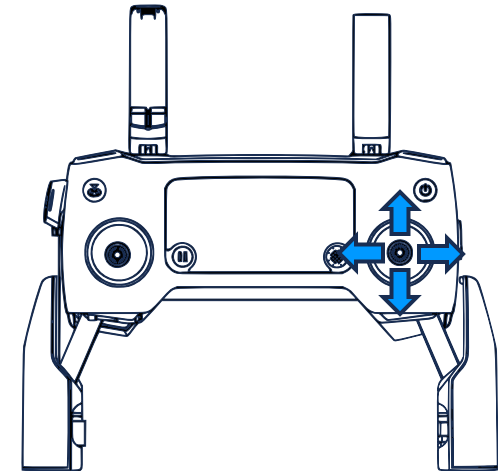
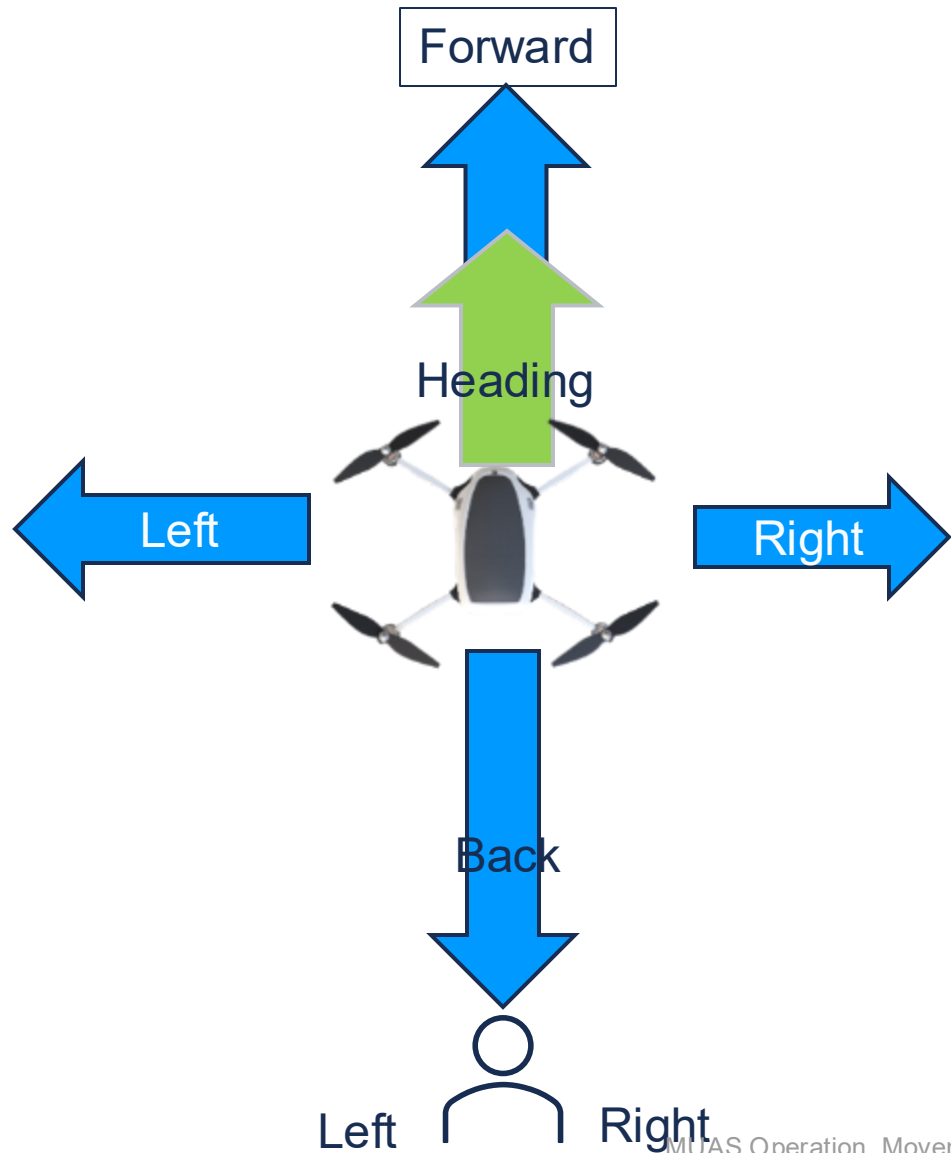
Controller – Mode 2



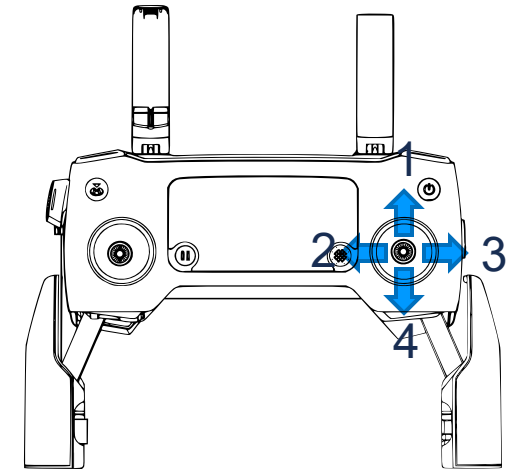
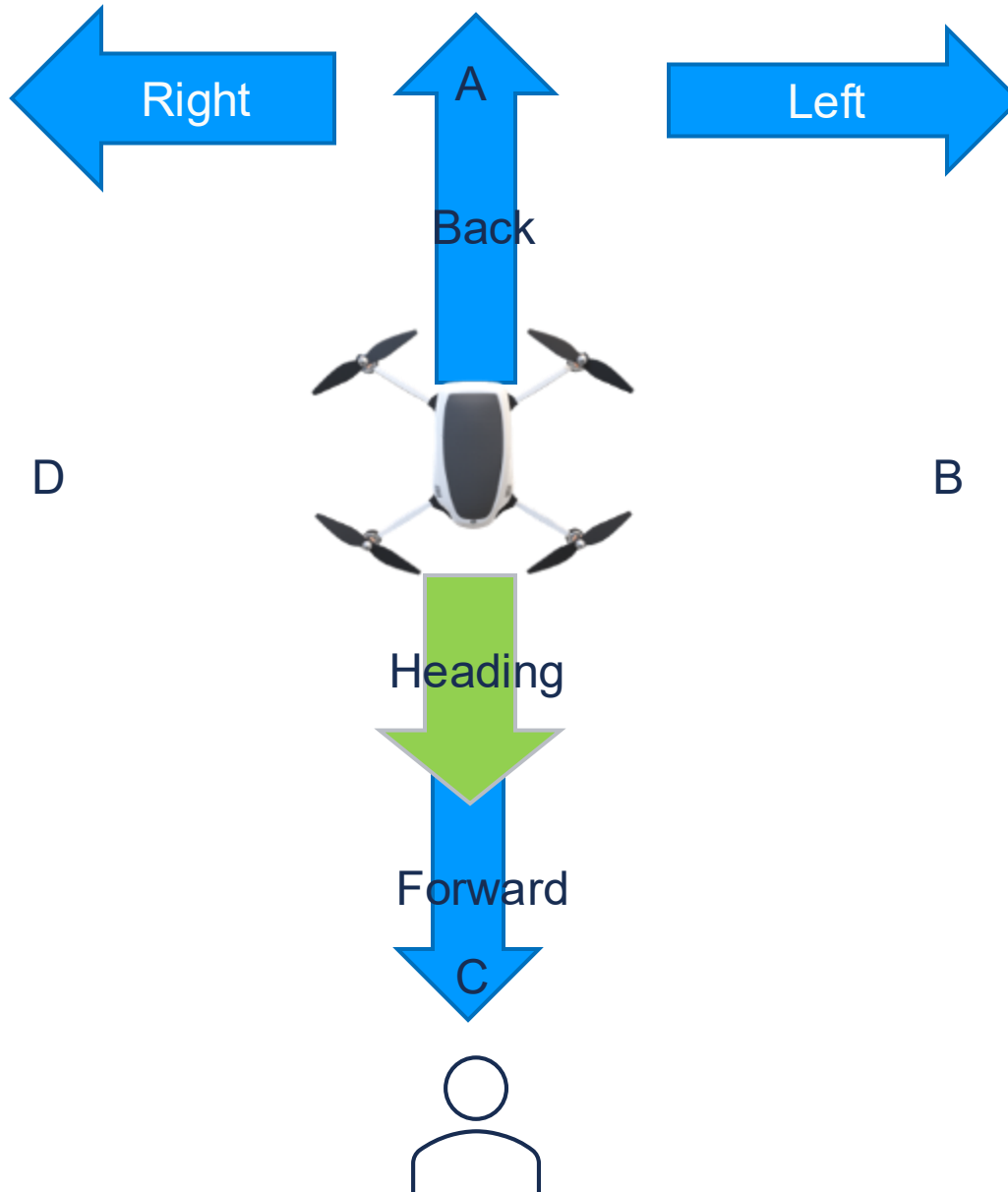
Controller – Mode 2



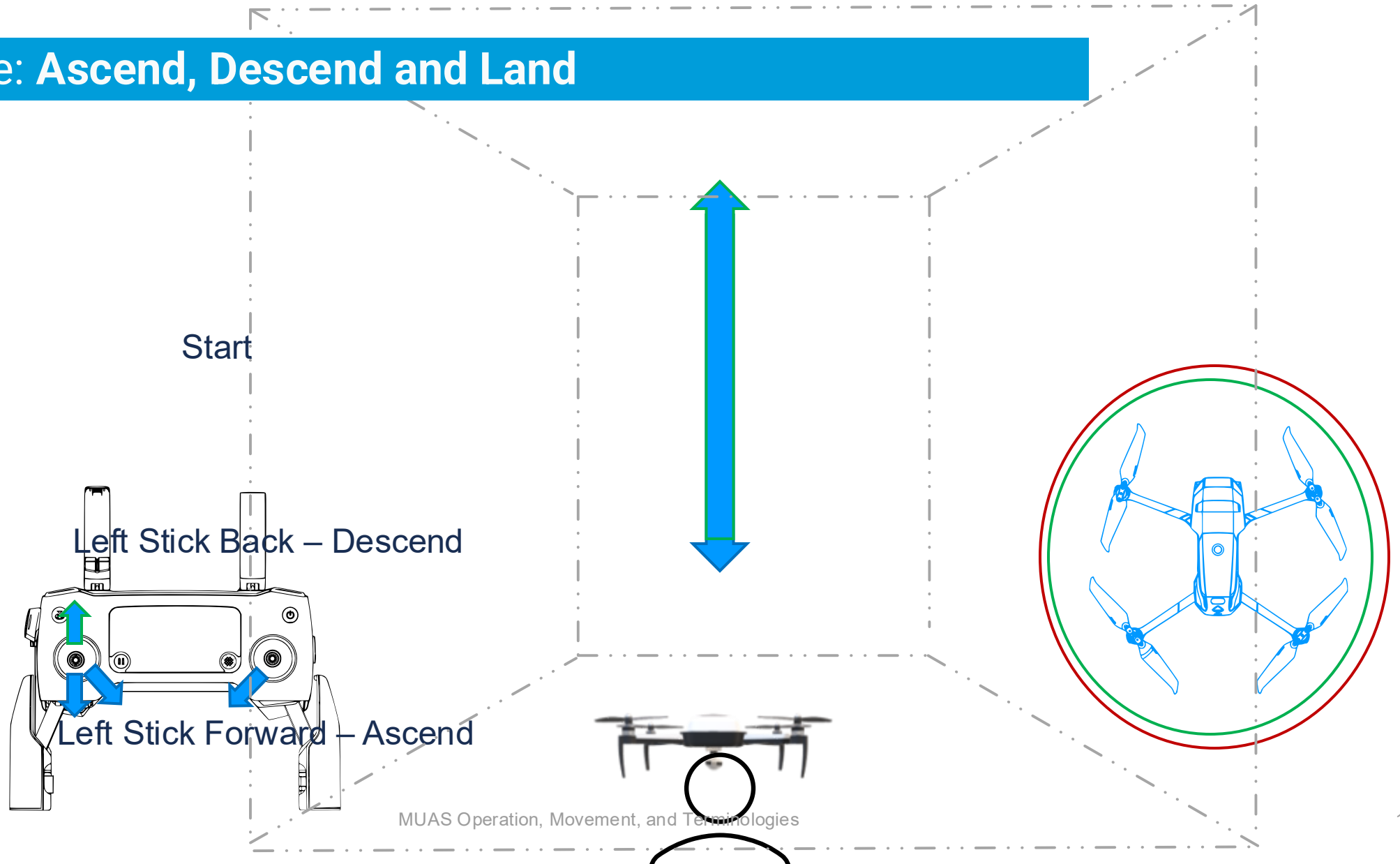
Heading and Course



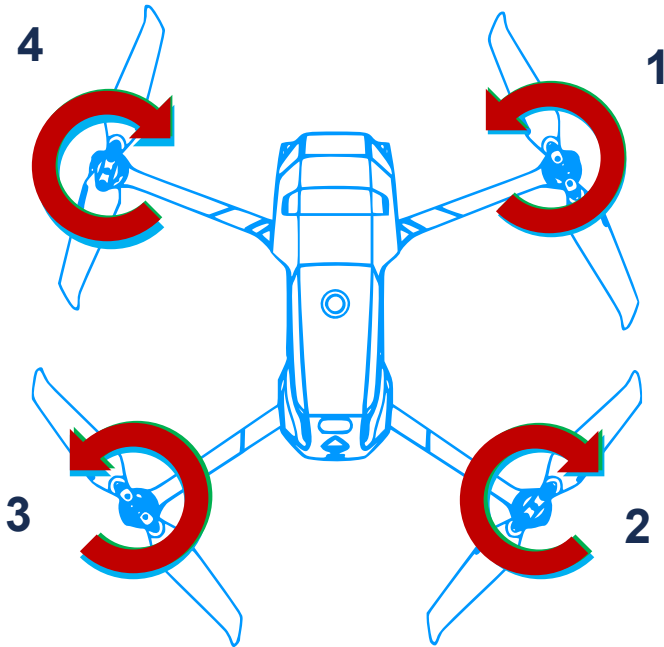
Heading and Course



Start-Throttle: Ascend, Descend and Land



How Movement is Accomplished



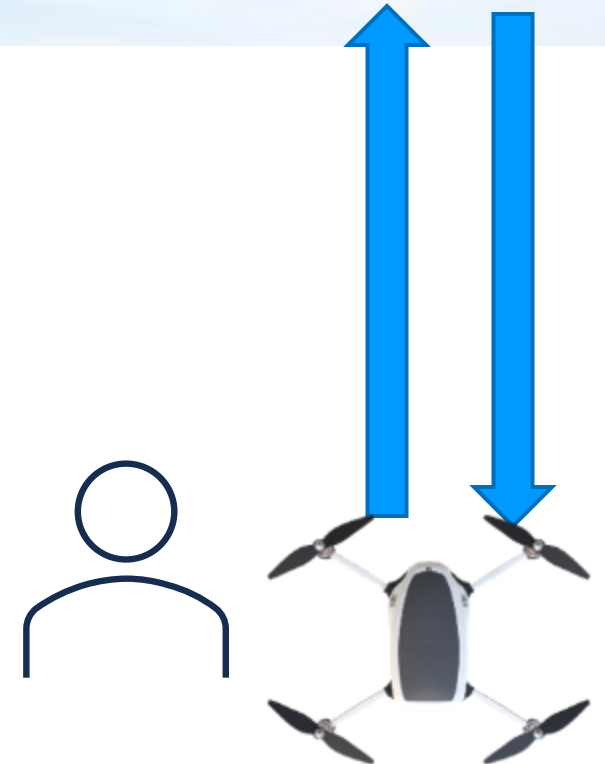
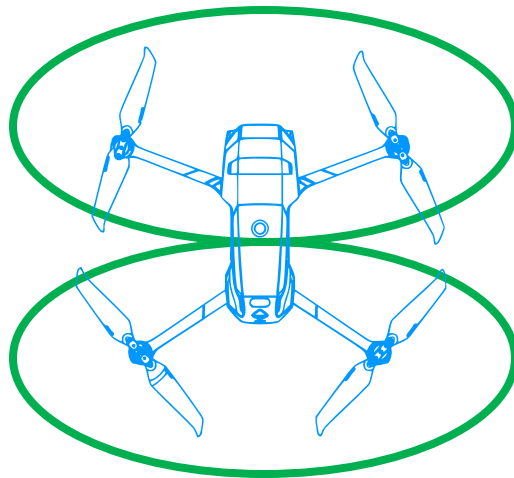
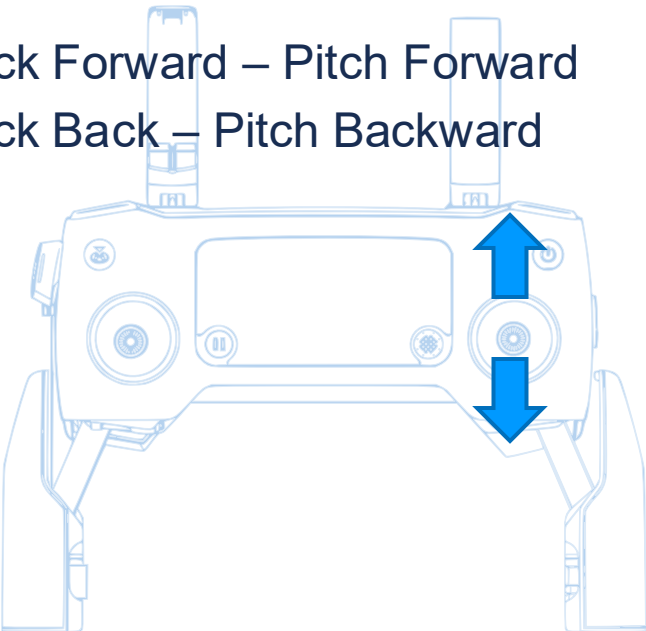
Ascend



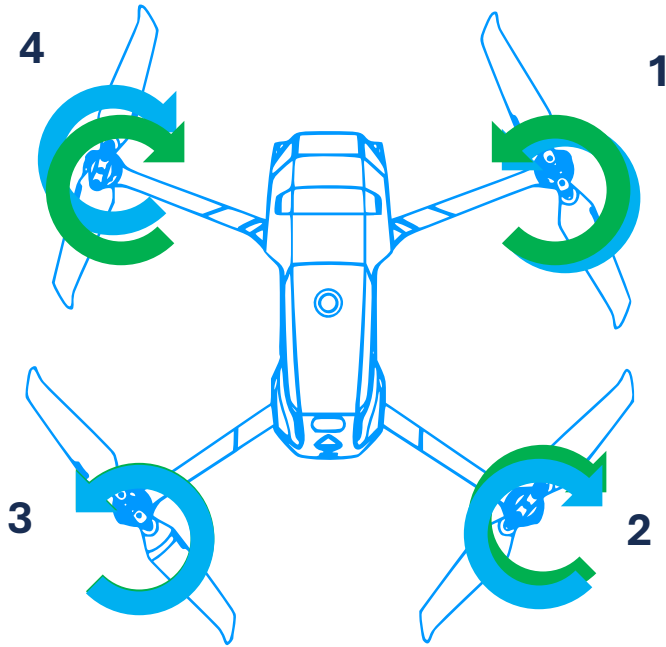
Pitch



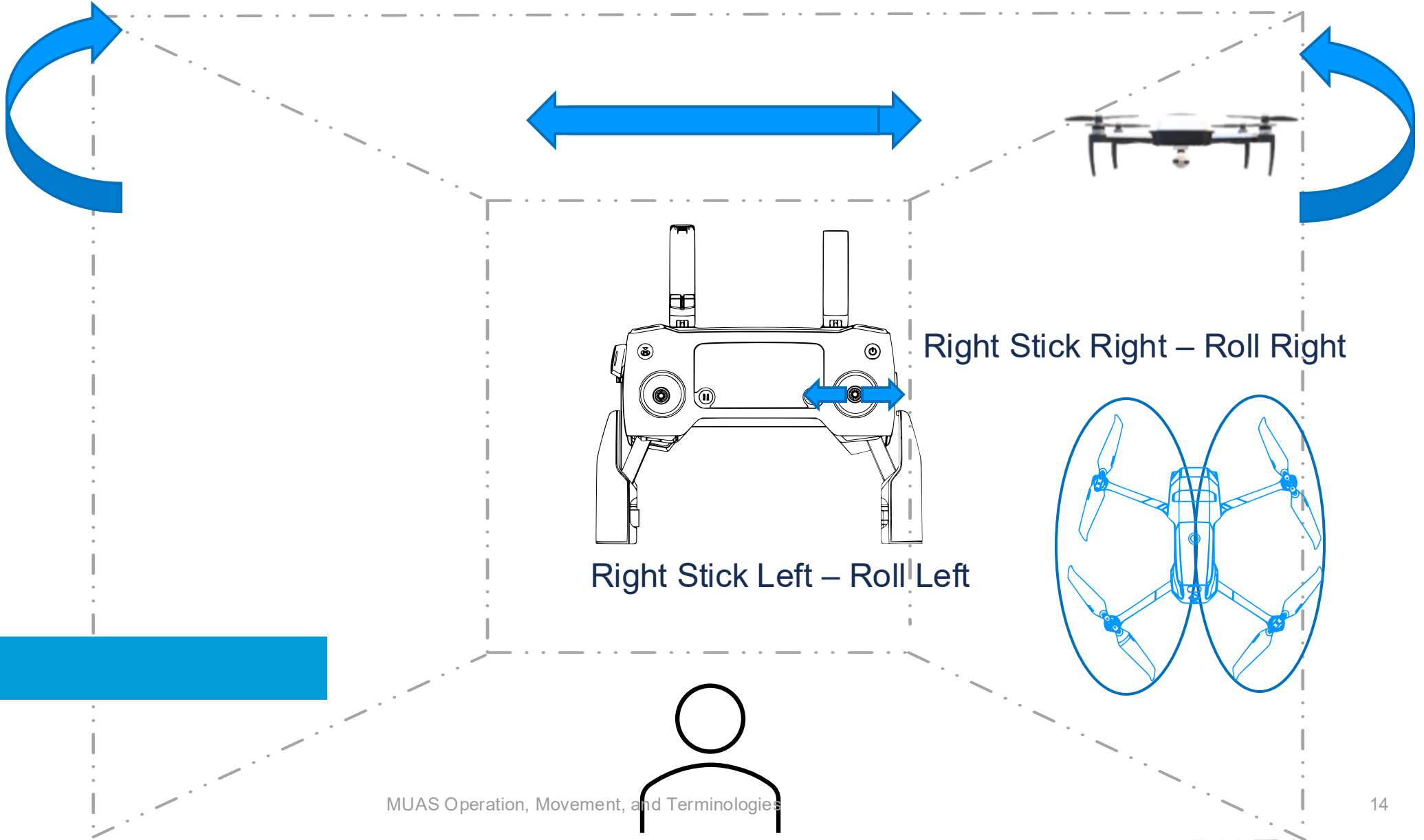
Right Stick Forward – Pitch Forward
Right Stick Back – Pitch Backward



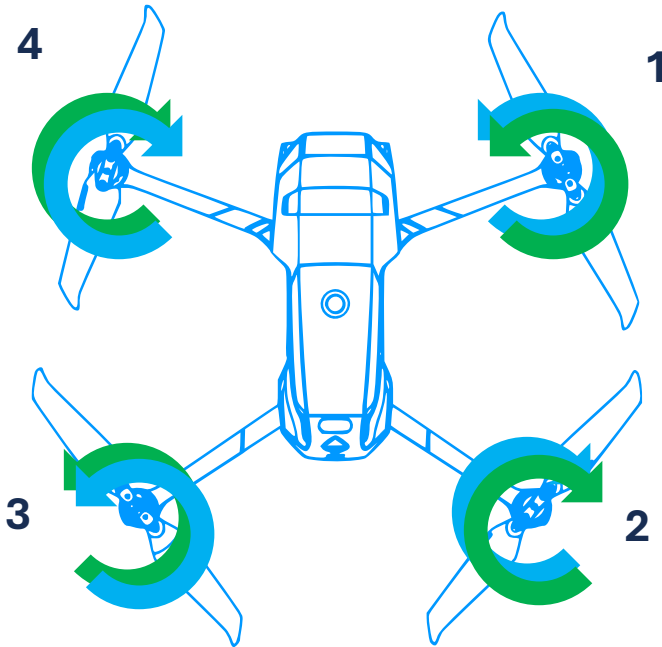
How is pitch movement accomplished?



Backward

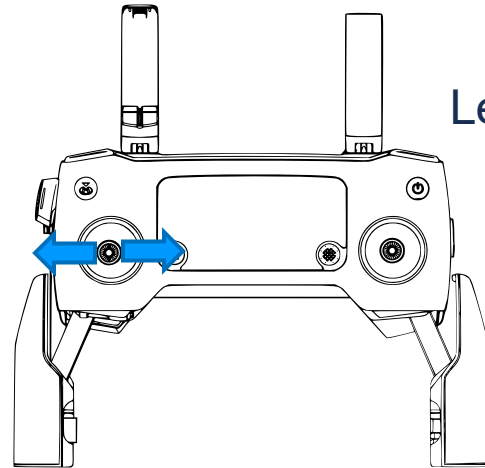
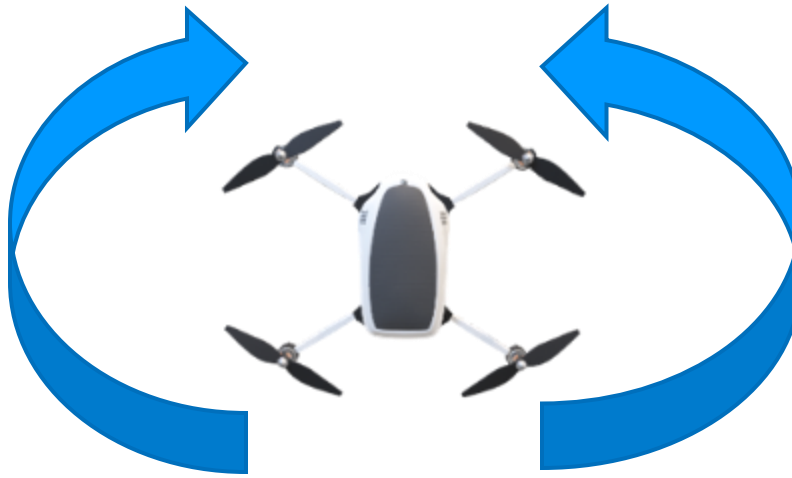


How movement is accomplished?



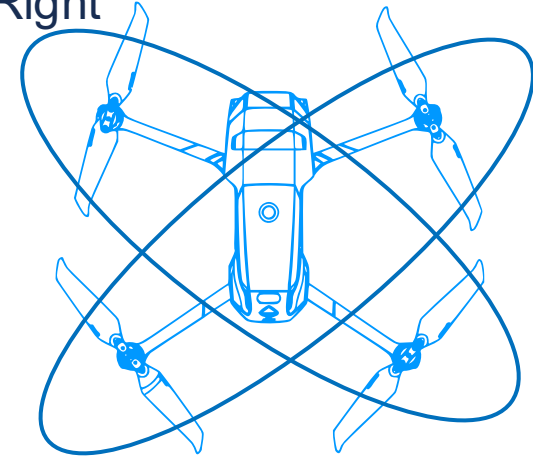
Right

Yaw

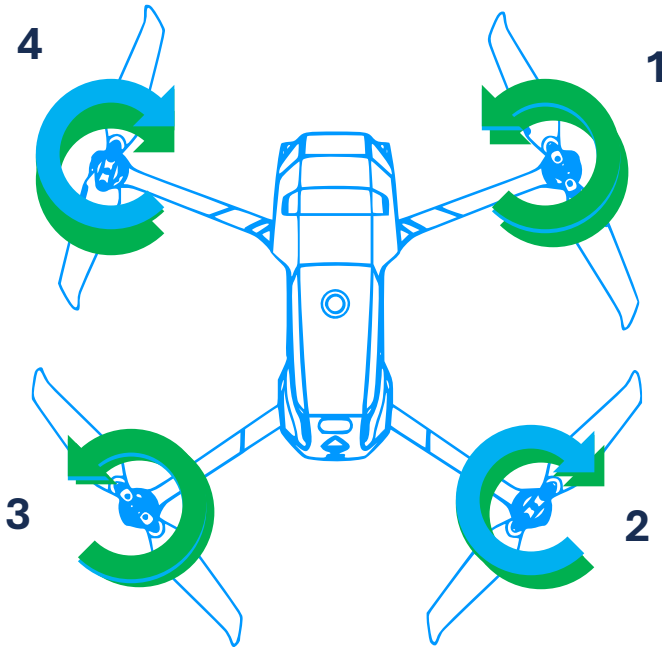


Left Stick Right – Yaw Right

Left Stick Left – Yaw Left



How movement is accomplished?



TurnRight

The End

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