

06.

# MUAS Operation, Movement, and Terminologies

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## Micro-UAS Remote Pilot Course

Hizkiel Getu Gebreselassie

# Agenda

1 Objectives

2 Expectations

3 Content

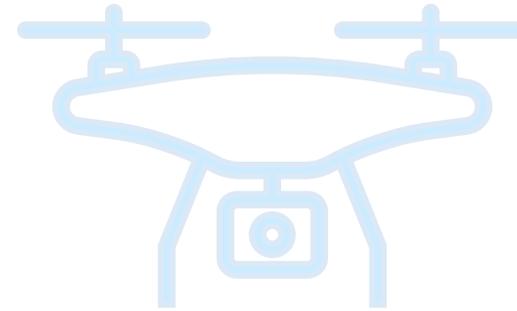
4 Demonstration

5 Exercises

# Objectives

## In this training we will cover:

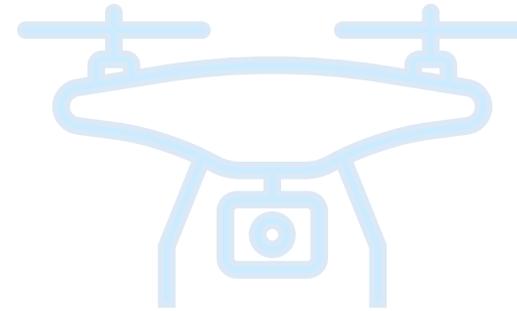
1. The terms used to describe the position, movement and direction of the UAS.
2. The controls used to create this movement.
3. And how the aircraft achieve this movement.



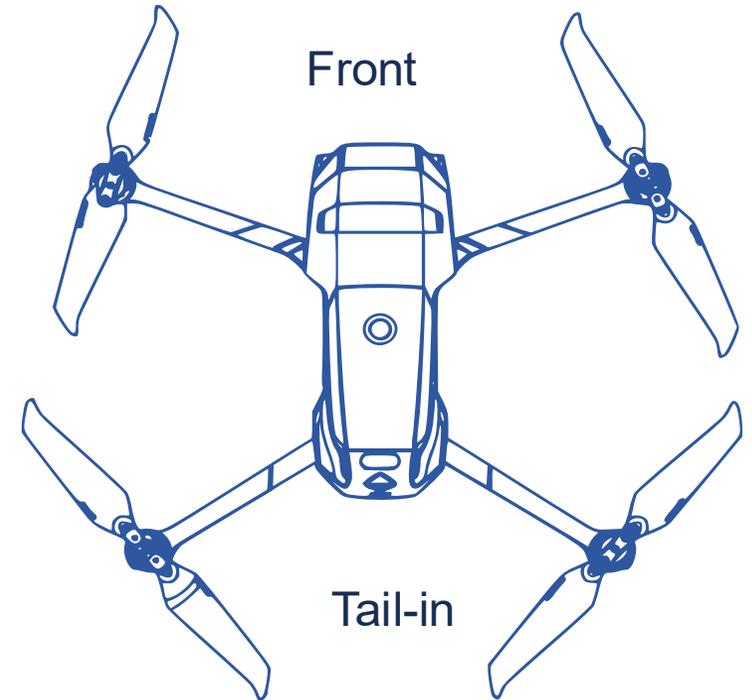
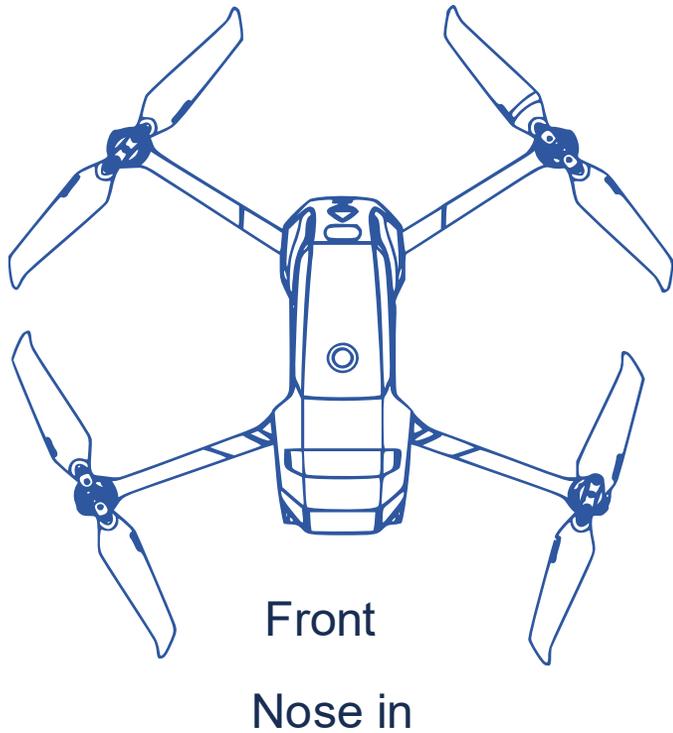
# Expectations

- Communicate Clearly
- Operate Safely

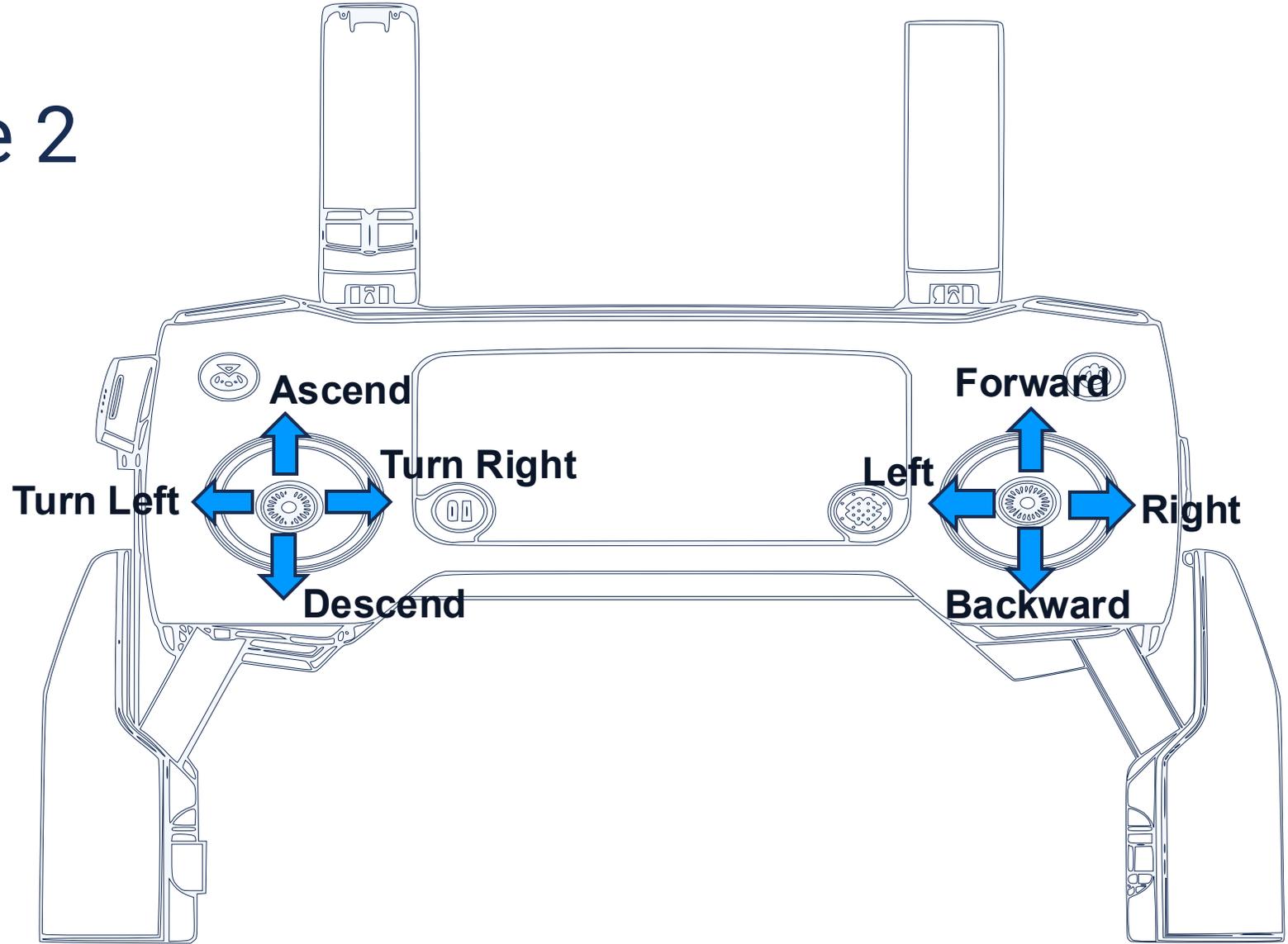
*Why is this important for me?!*



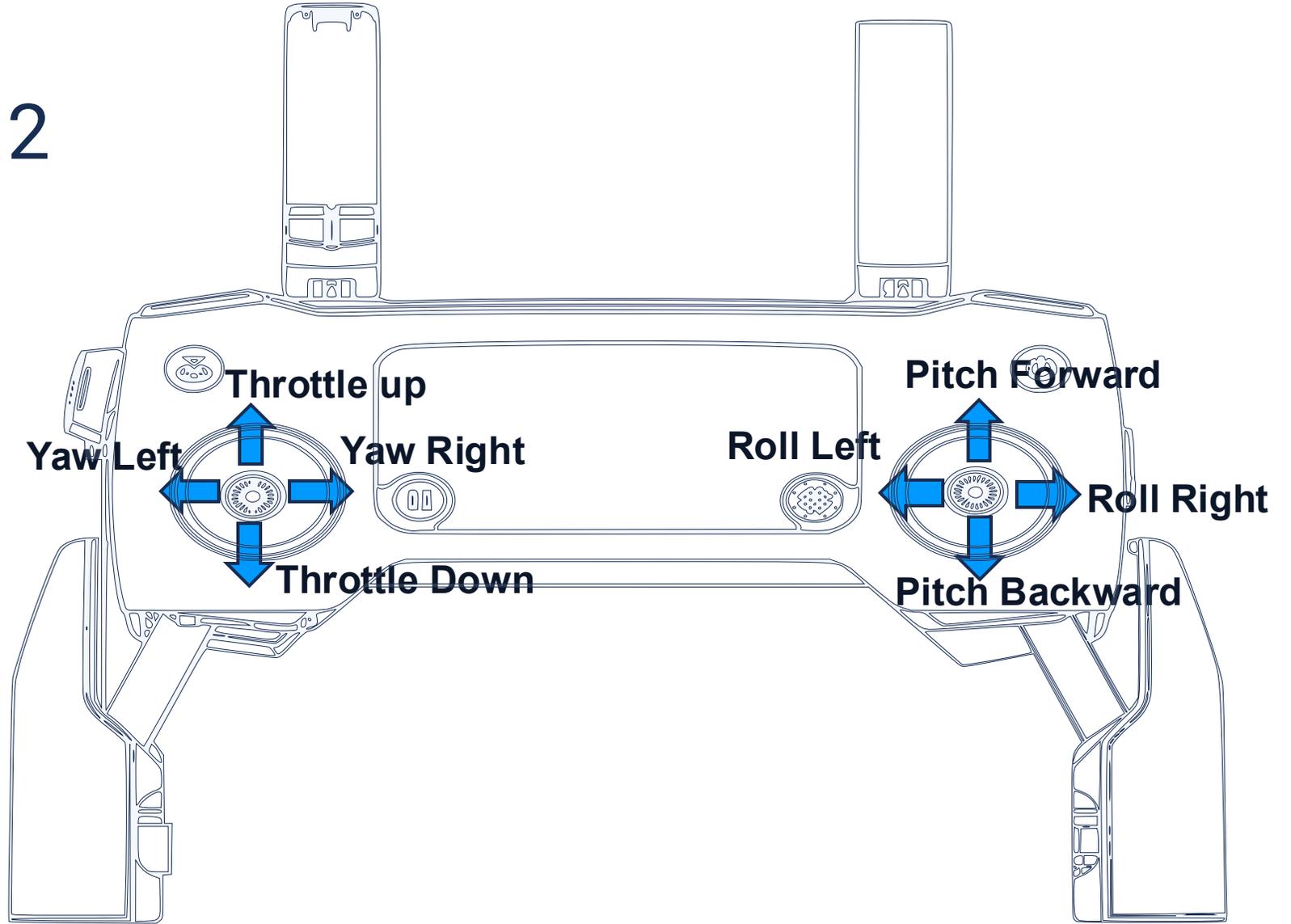
# Position / Perspective



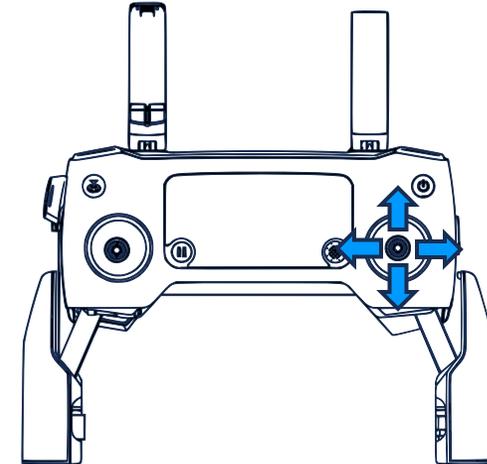
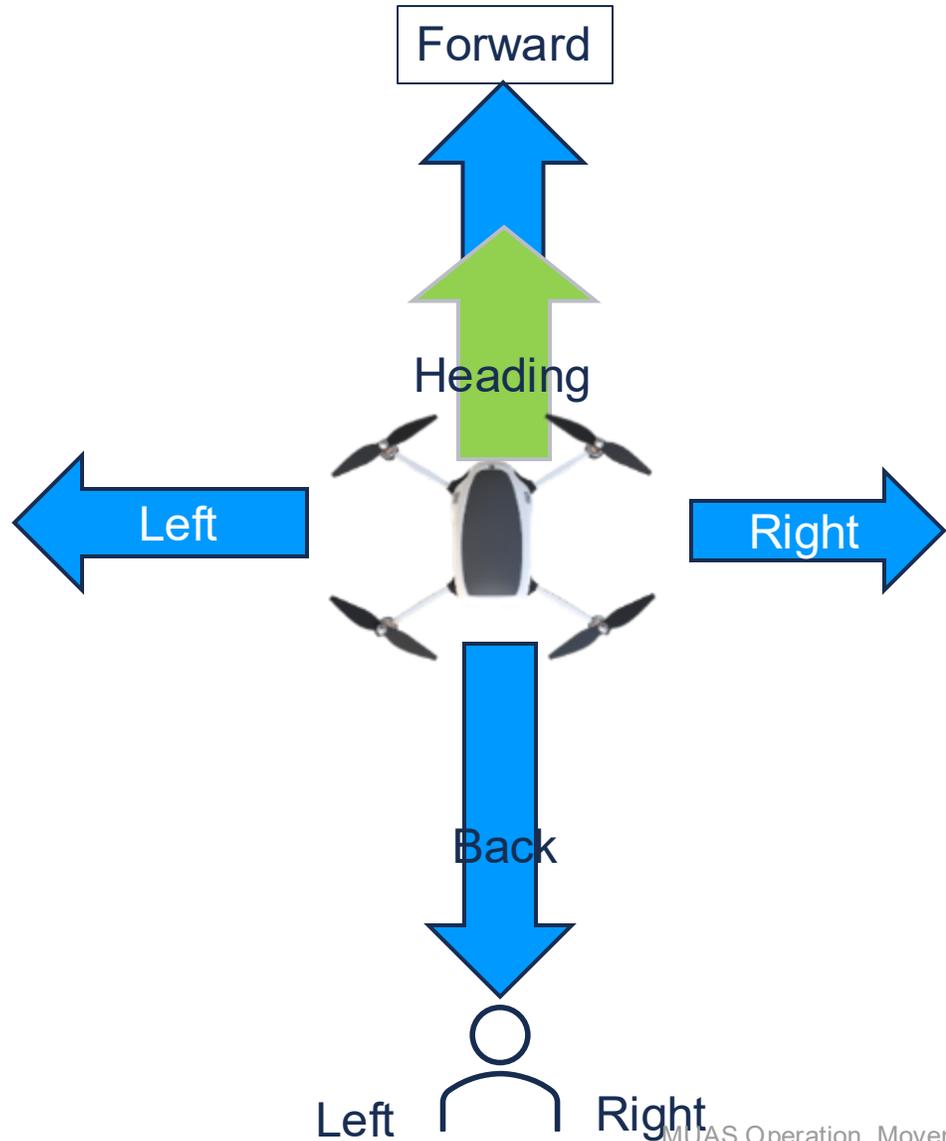
# Controller – Mode 2



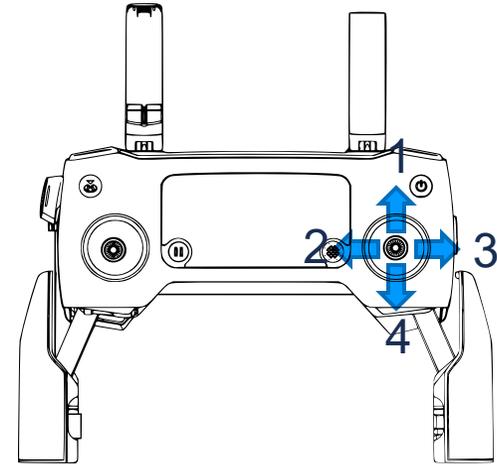
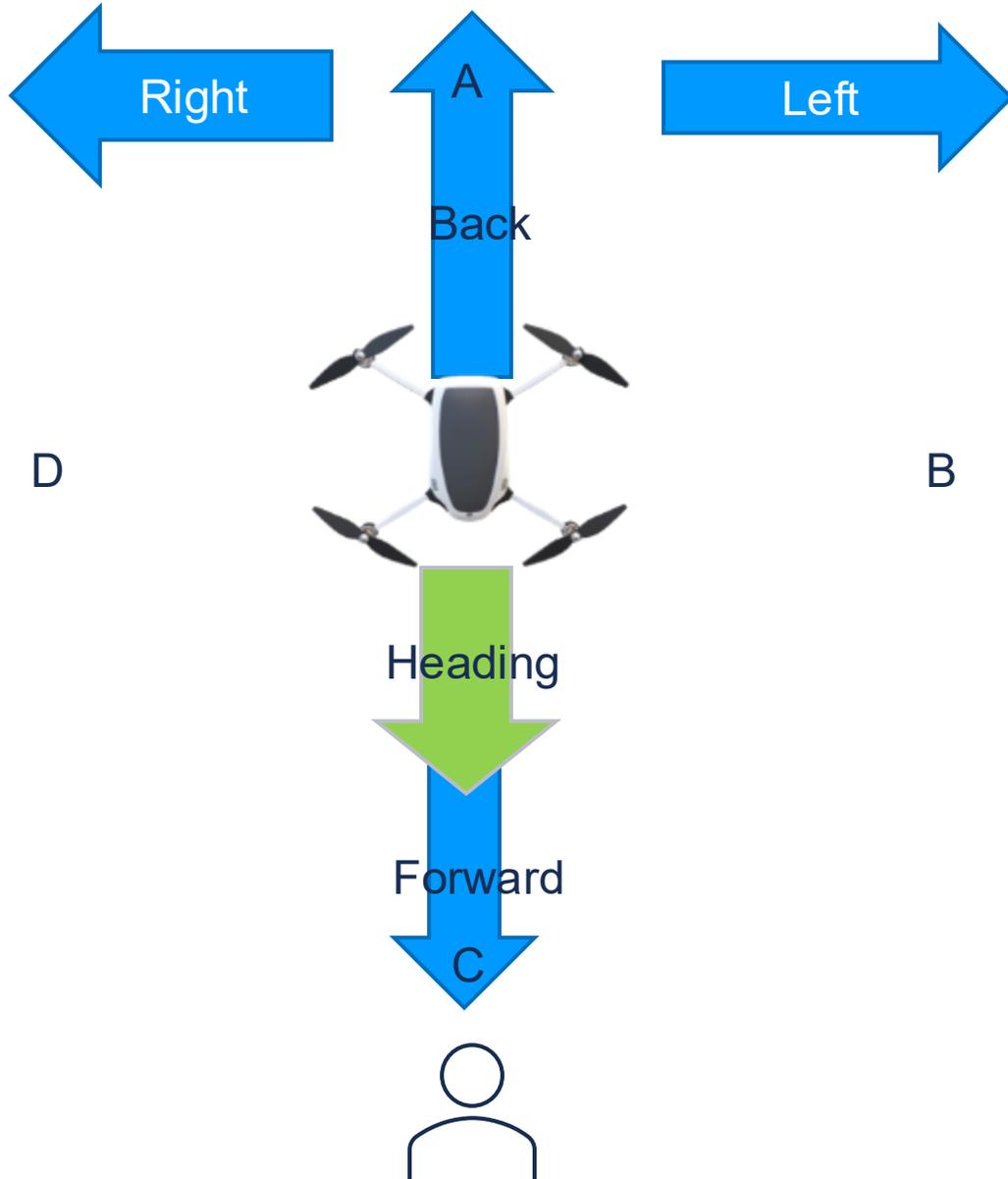
# Controller – Mode 2



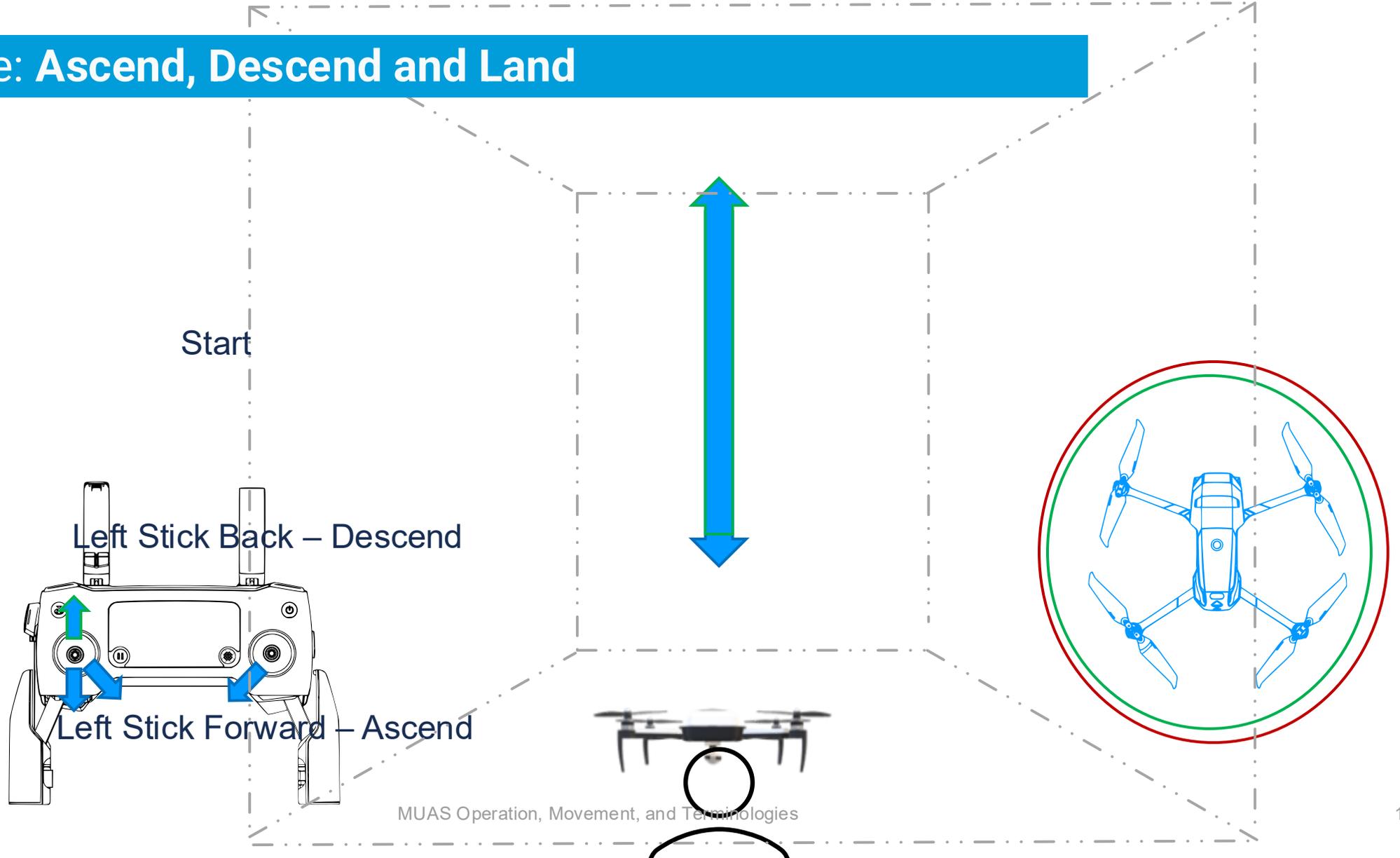
# Heading and Course



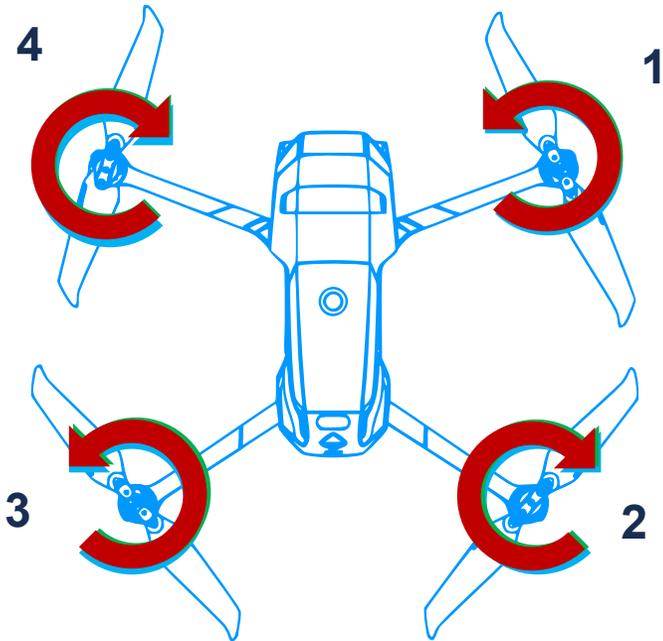
# Heading and Course



# Start-Throttle: Ascend, Descend and Land



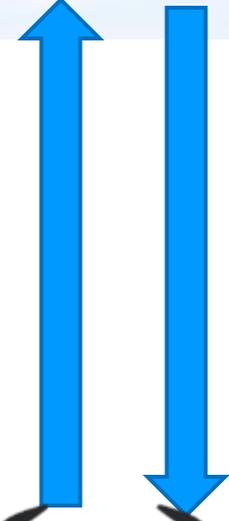
# How Movement is Accomplished



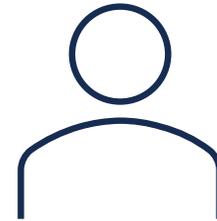
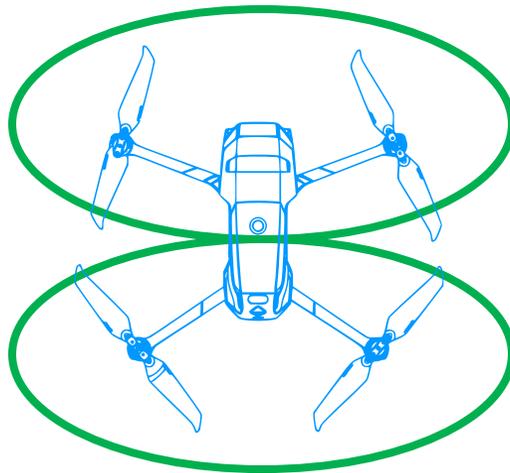
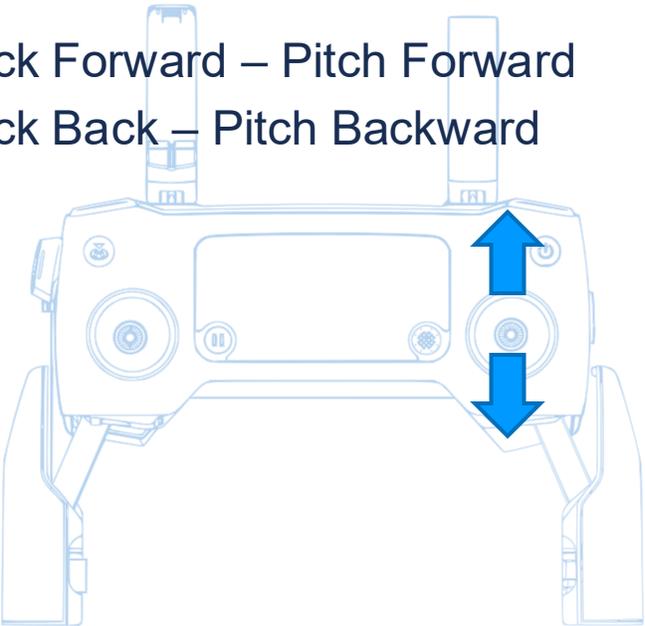
Ascend



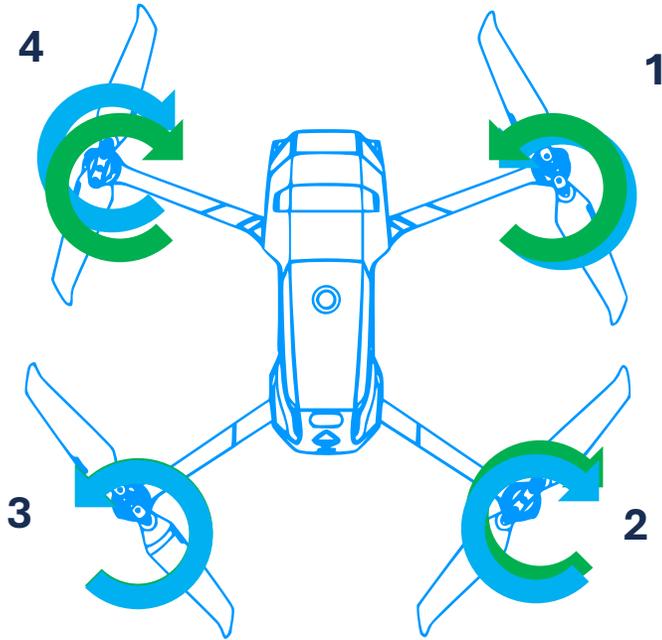
# Pitch



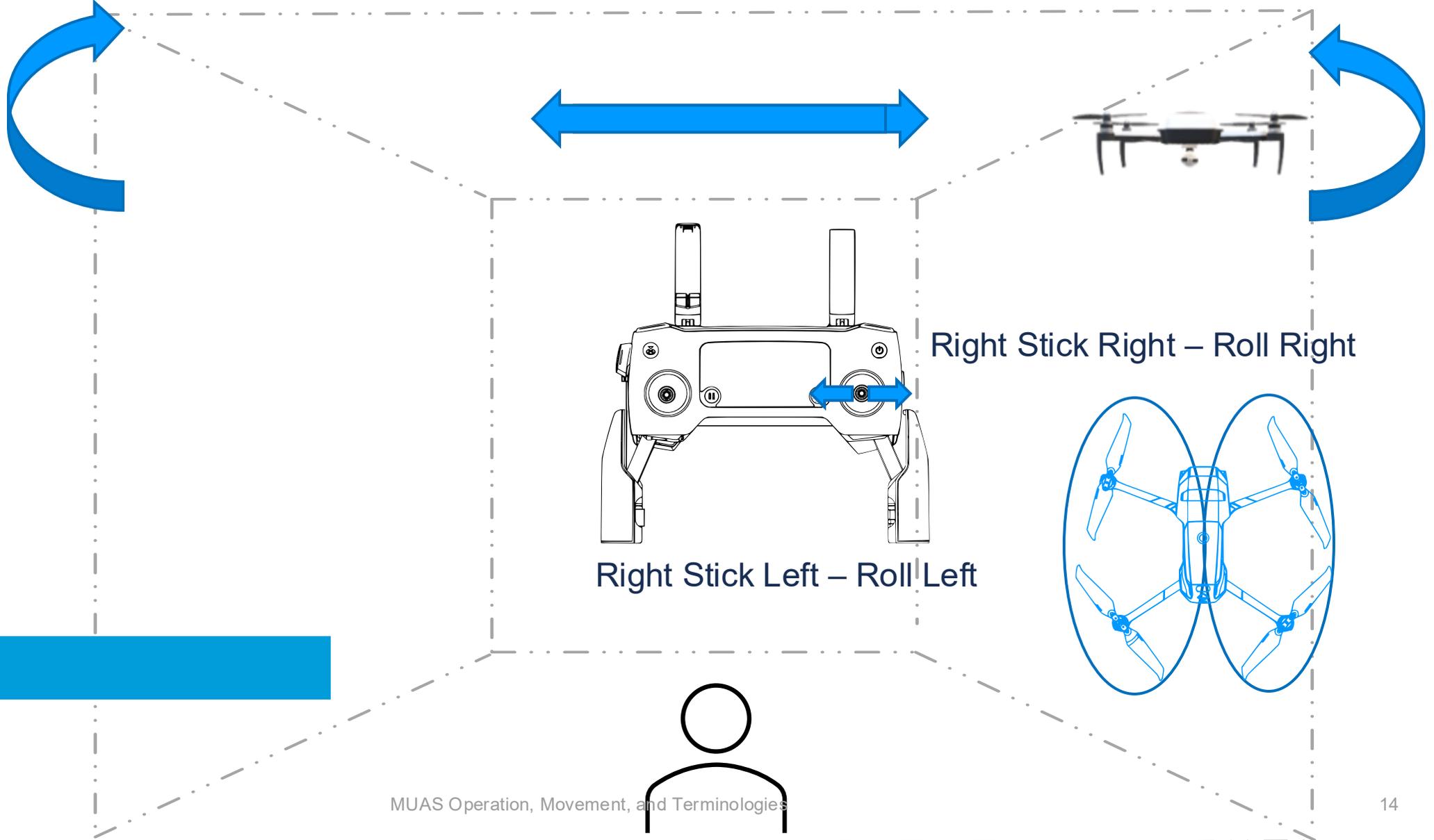
Right Stick Forward – Pitch Forward  
Right Stick Back – Pitch Backward



# How is pitch movement accomplished?

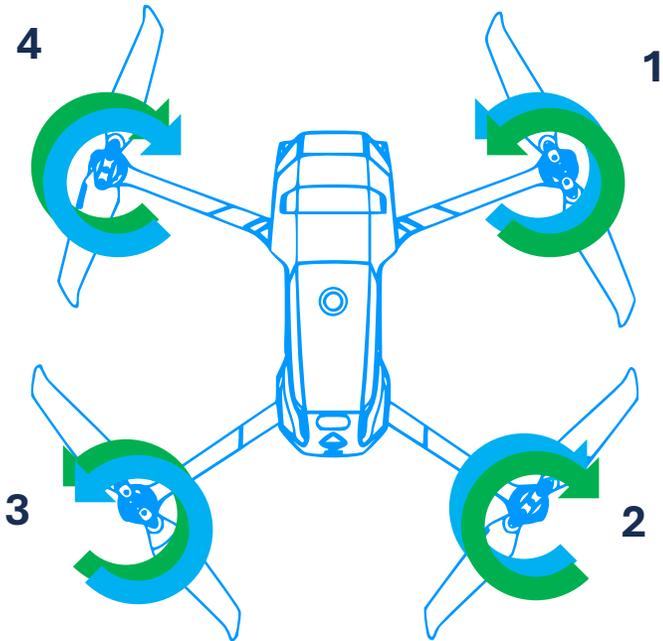


**Backward**



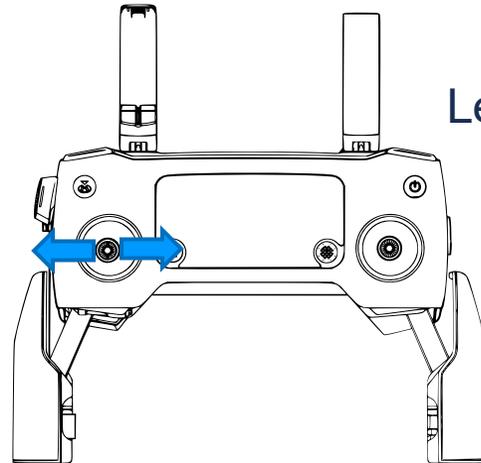
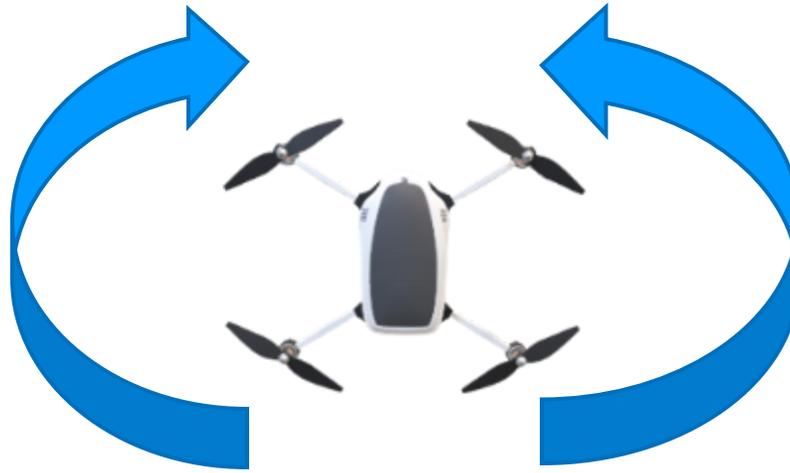
# Roll

# How movement is accomplished?



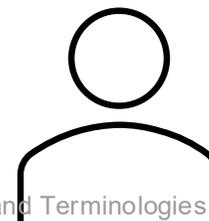
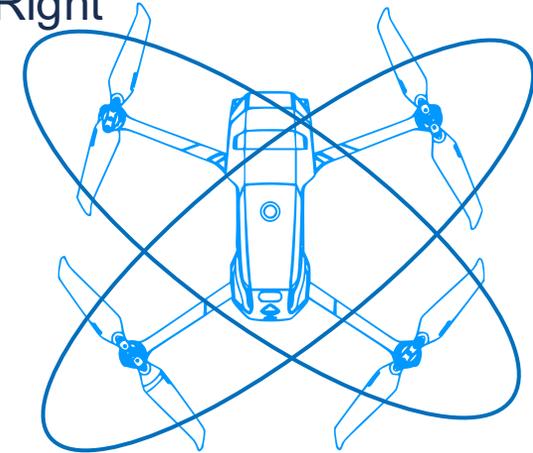
**Right**

# Yaw

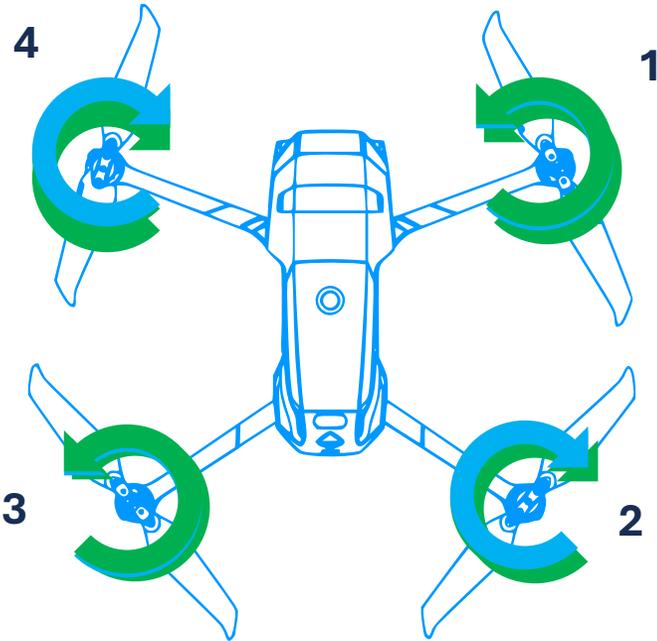


Left Stick Left – Yaw Left

Left Stick Right – Yaw Right



# How movement is accomplished?



**TuanRlight**

# The End