Module 5

Camera Operation
There is a camera installed on the front of the drone, and the video stream is visible through the video feed.

While navigating, it is highly recommended to constantly monitor the camera for obstacles using the video feed.
Manual Control App – Camera Operation

- You can swap the video feed window and map window by pressing the switch view button.
- It will reduce the size of the video feed window and move the window to the left down corner.
Manual Control App – Camera Operation

- Pressing the view switch button once more will swap the 2 windows back again.
- It will increase the size of the video feed window again.
Manual Control App – Camera Operation (Video)
Supervisory Control App – Inspection Mode

- There is a camera installed on the front of the drone, and the video stream is visible through the video feed.
- You can see the video stream by launching inspection mode.
Supervisory Control App – Inspection Mode (Video)
Supervisory Control App – Inspection Mode

- Inspection mode allows manual operation of the drone (camera).
- This mode will be useful when you want to visually check the surroundings.
- However, it is not recommended to use the inspection mode while the drone is executing a flight plan.
Supervisory Control App – Inspection Mode

- In this mode, you can move the drone manually.
- The drone can be controlled with 2 joysticks.
Supervisory Control App – Inspection Mode

- To turn the drone (camera angle) left or right, use the marked buttons in the left image.
- Pressing the button once lightly will cause the drone to rotate in the corresponding direction slightly.
- Press and hold the button, and the drone will keep rotating in the desired direction.
Supervisory Control App – Inspection Mode (Video)
Supervisory Control App – Inspection Mode

- To adjust the height of the drone (camera), use the marked buttons in the left image.
- Pressing the button once lightly will cause the drone to increase or decrease its altitude slightly.
- Press and hold the button, and the drone will keep increasing or decreasing its altitude.
Supervisory Control App – Inspection Mode (Video)
Supervisory Control App – Inspection Mode

- To move the drone forward to get closer to the target, use the upward button in the right joystick.
- To move back, use the downward button.
Supervisory Control App – Inspection Mode

- Pressing the button once lightly will cause the drone to either go forward or backward slightly.
- Press and hold the button, and the drone will keep going forward or backward.
Supervisory Control App – Inspection Mode (Video)
Supervisory Control App – Inspection Mode

- To move the position of the drone (camera) towards left or right, use the marked buttons in the image.
- The drone will not rotate in any direction.
- Instead, the drone will move laterally towards the left or right with the corresponding button.
Supervisory Control App – Inspection Mode (Video)
Supervisory Control App – Inspection Mode

- To return to Supervisory Mode, click the Return To Supervisory Control Button.
- It will return you to the map and waypoint screen again.
Supervisory Control App – Inspection Mode (Video)
Congratulations!

End of Module 5