

Week 4: Second Lieutenant

Fourth Flight Task

- Adding a flight mode
 1. Configure the flight mode selection so the upper and lower Tx switch positions are Stabilized Mode and the middle switch position is Alt Hold.
 2. Take off in Stabilized mode to approximately 10 feet in altitude
 3. Switch to Alt Hold mode
 4. Set the throttle stick to ~50% to hold altitude. You will notice there is no/very little actual throttle reaction with the throttle stick is in the 40%-60% range.
 5. Perform the above flight patterns while in Altitude Hold

Fifth Flight Task

- Adding Channel 7 Functionality
 1. First selection will include the Auto Trim
 2. It will be switched to Auto Tune
 3. It can enable preferred special condition such as 'Land' or 'Return to Home'

Sixth Flight Task

- Add telemetry to the flight and fly waypoints from Mission Planner