

# Homework 5 & 6

**Video:** <https://youtu.be/ye0R-ZXkMeA>

**Self-Assessment:** 100 points out of 100

**Notes:**

This video begins by showing the autopilot tracking the commands. Commands are given as a square wave with each command having a phase offset from the other commands. Thus, you will see the aircraft make a 180 degree turn, perform a 50-meter climb, and increase its velocity by 10 meters per second. This cycle then repeats for 100 seconds of simulation time.

The second part of this video demonstrates the implementation of the sensors. New plots are plotted showing each sensor's output and (if it was already available to me) the actual value.

I will also upload a copy of my sensor class. Note that I'm not using the framework you give and as such things are in different places. However, you should find it functions exactly as it should.