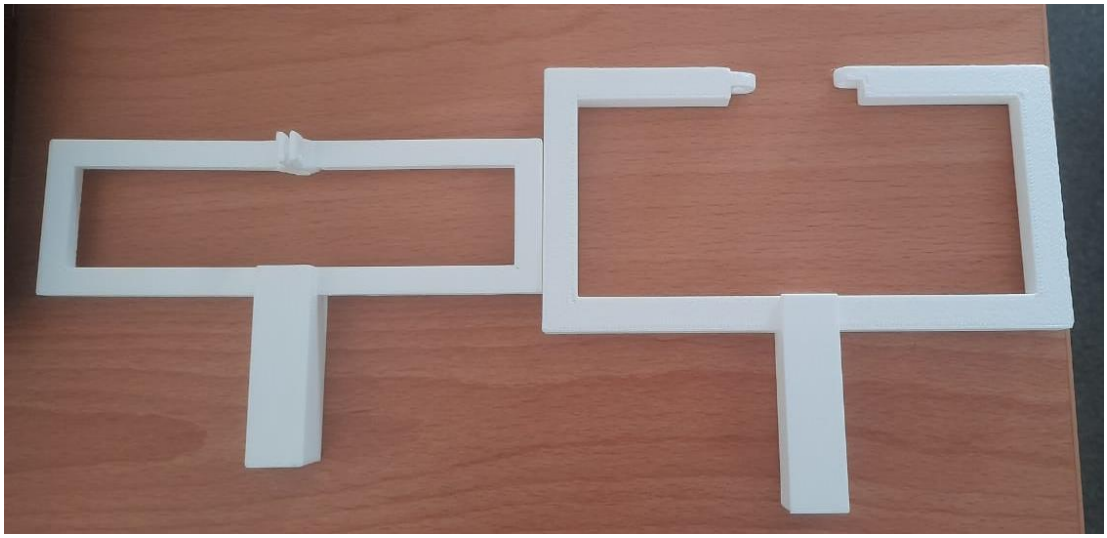
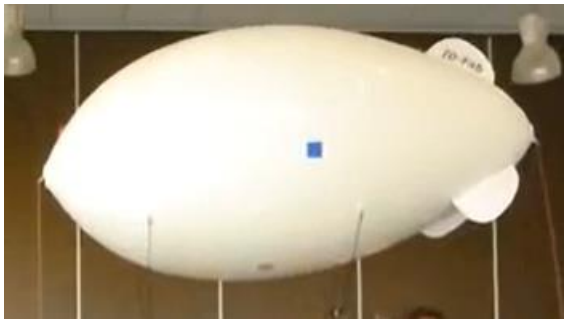
Tips for starting.

- Besides this you have to design and add a support for the Luxonis camera, and balance it so the center of mass of the prototype lines up with the blimp's center of mass.
- After the installation of the blimp, you must balance the components so the torque of thruster at the sides is even in relation to the center of mass. To get this even distribution it might be necessary to reconnect everything, even shortening or extending some wires.
- Maybe it will be necessary to measure again the thrusters force while it's still connected to the raspberry Pi and powered by the battery. If these are the following steps.
    - Use a kitchen scale or a scale with a resolution of 1g or less.
    - Place the thruster support in the center of the scale. In the figure you will see the support.



These two supports are for the big and the small thrusters.

- Besides this it will be necessary to take some flight tests to measure perturbations with the new blimp.
    - To measure these perturbations, you will need to record these flight test calculates the accelerations and decelarations of the blimp with Kinovea. This software allows you to track a point in a video. That's why you need to ad a reference point like the following.



This is how you will evaluate the performance of the control system in the prototype.