Report 11/04/2023

This time, I finalize the Cover. Firstly I fixed the servo motor on it. I need to drill the two holes on the support, I used a drilling machine and perfect it by filing the holes.

Then I cut a screw so that the length can fit my need. Finally I fixed it using a bolt. I found that I need to print another little piece because the servo can’t perfectly connected to the rudder.

The next part was to completely attached the brushless motor to the cover. At this time, it was only fixed with one screw and note four as planned. To do so I need to drill another holes so that I can have a slide and chose where I want to put the screw. After drilling new holes and enlarging them, I filed a lot so that it fit the places in the motor. It took a long time and I needed to take measure several time so that I don’t weakened to much my piece.

At the end of the session, I took time to make different schematics of the system, which will control the depth of the probe. We will use a pulley system that I will modelling next time.