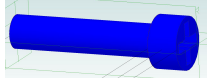


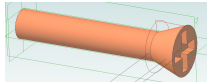
all rods in the build are  $\varnothing 1.2\text{mm}$

all rods need to be cut to the length in the description (the depicted length is not the required length)

all bolts need to be cut to the length in the description (the depicted length is not the required length)



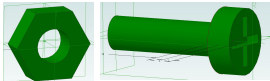
M2.2 (2.2mm) pan head (or flat on the side of the thread), self-threading



M2 (2mm) countersunk flat head, self-threading



M2 (2.2mm) pan head (or flat on the side of the thread), self-threading



M3 (3mm) pan head metric bolt with hex nut



parts that need to be glued (i use dense cyanoacrylate glue)

- i only use phillips bolts/screws, they are much easier to handle especially in tight spaces
- some tolerances between parts were modified achieve better results with zortrax m200, the usual tolerance between 2 sides of the build is 0.2-0.3mm so you might need to do some sanding or lubricating (Silicon oil is great for that)
- take your time with the canopy, it is the most complicated and fragile part and will require a lot of fitting and extra work even on very precise FFM/FDM printers

- all rod holes go through the part in case you need to remove the rod
- the cylindrical side sliders in the body collide with the sliding platform of the head, the sliders need to be pulled out when you move the head up and down

#### Materials:

M2.2 - 7pcs

M3+nut - 10pcs

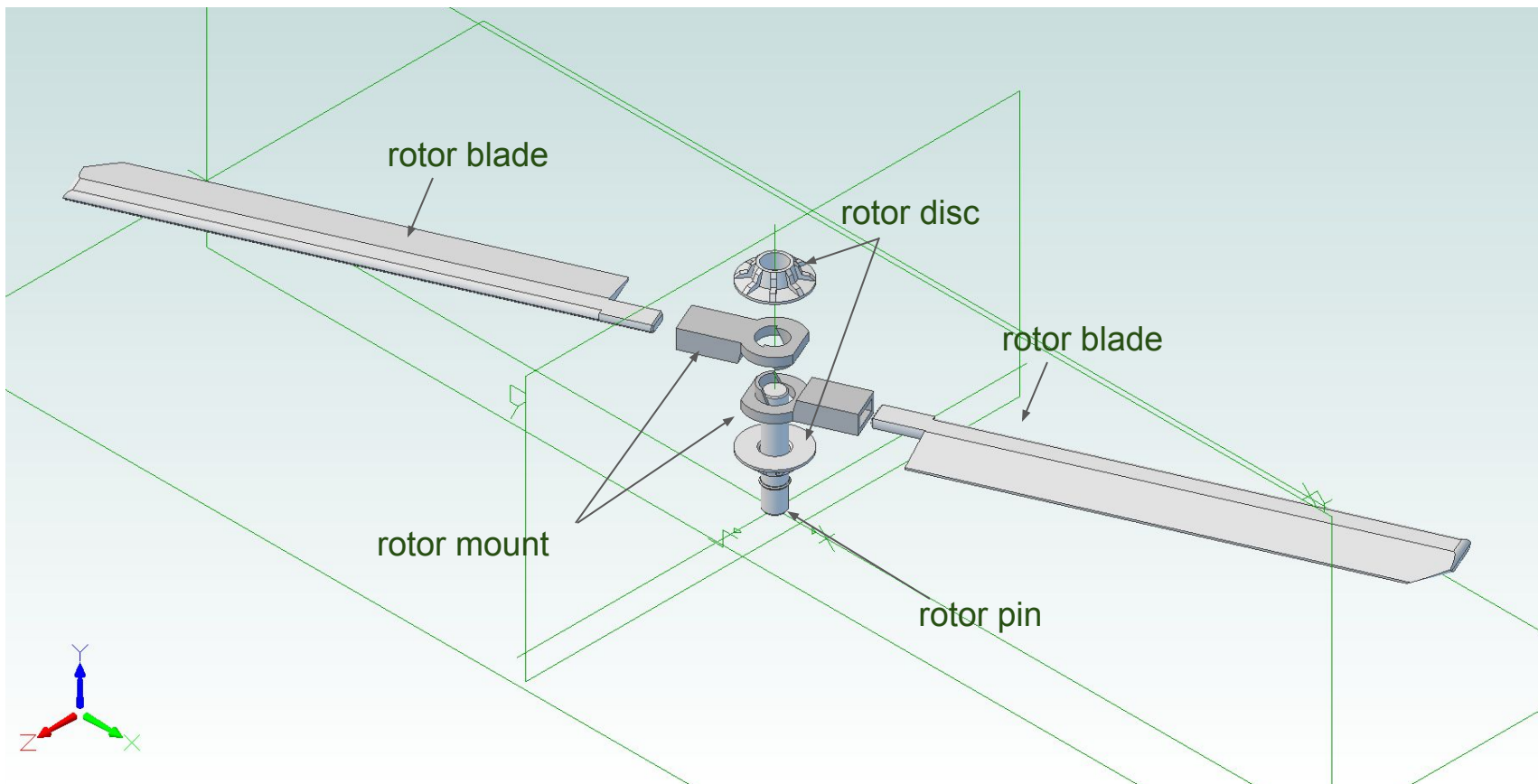
M2 pan head - 2pcs

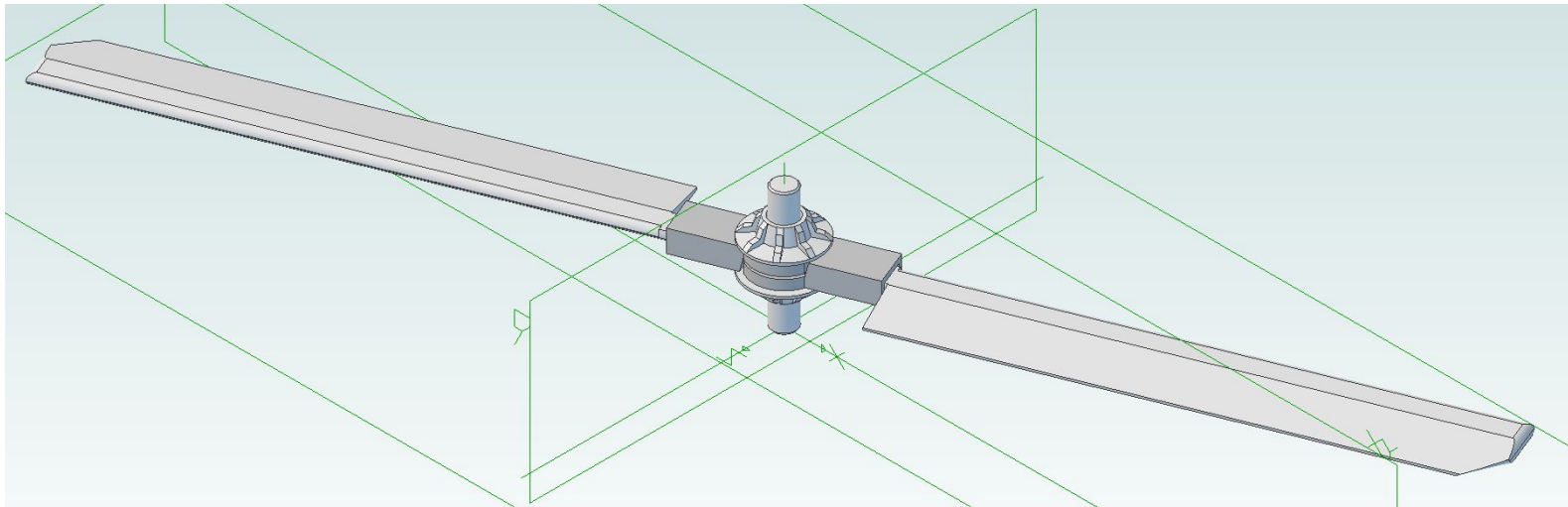
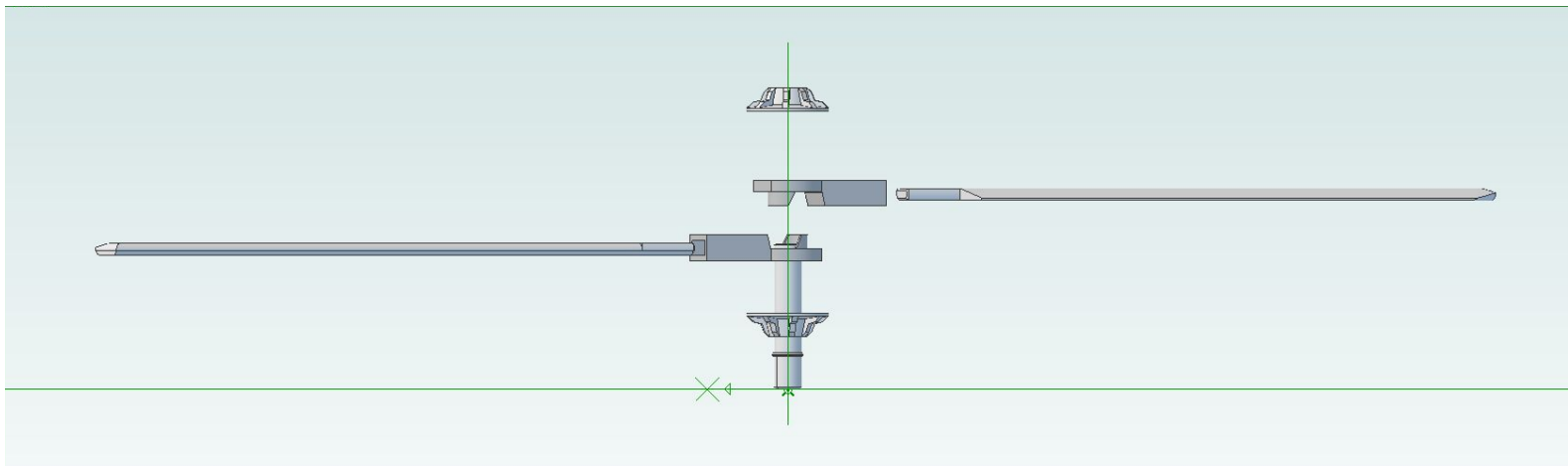
M2 countersunk flat head - 42 pcs

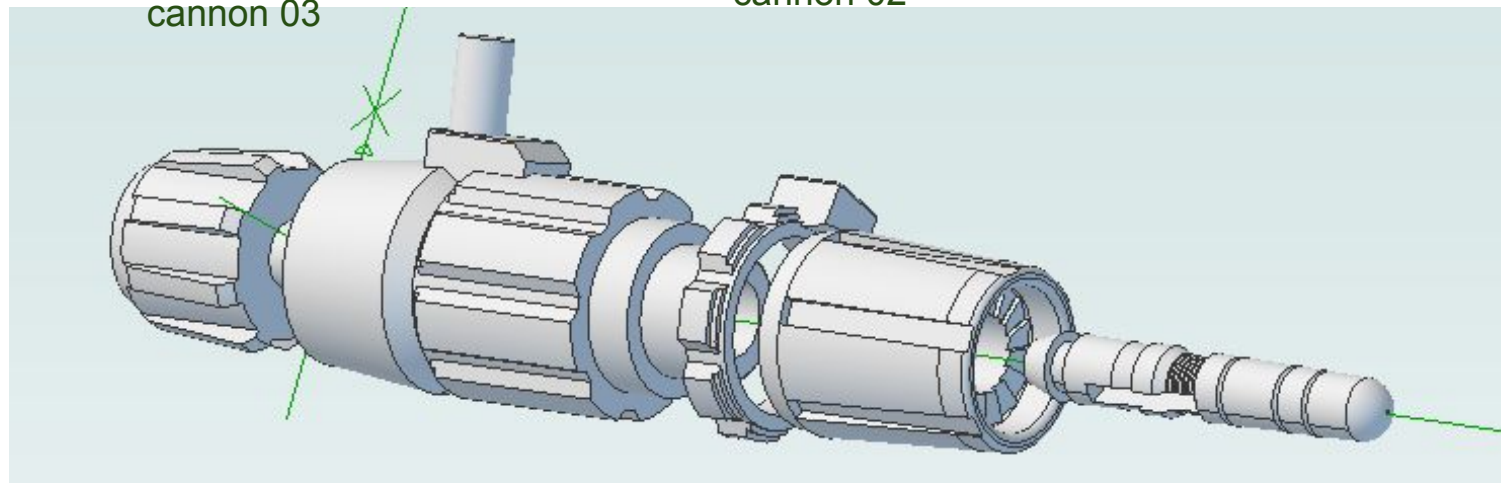
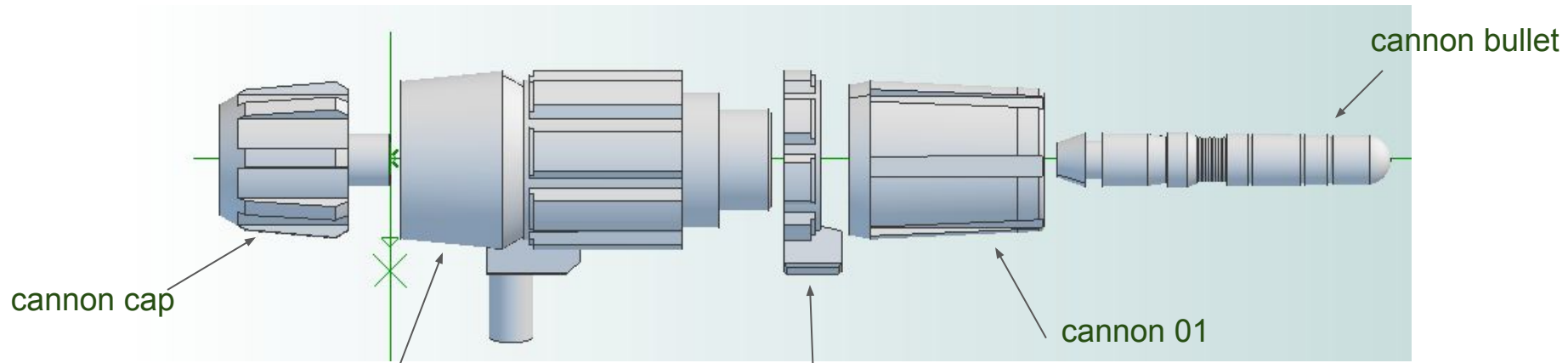
Ø1.2 rod - 1m

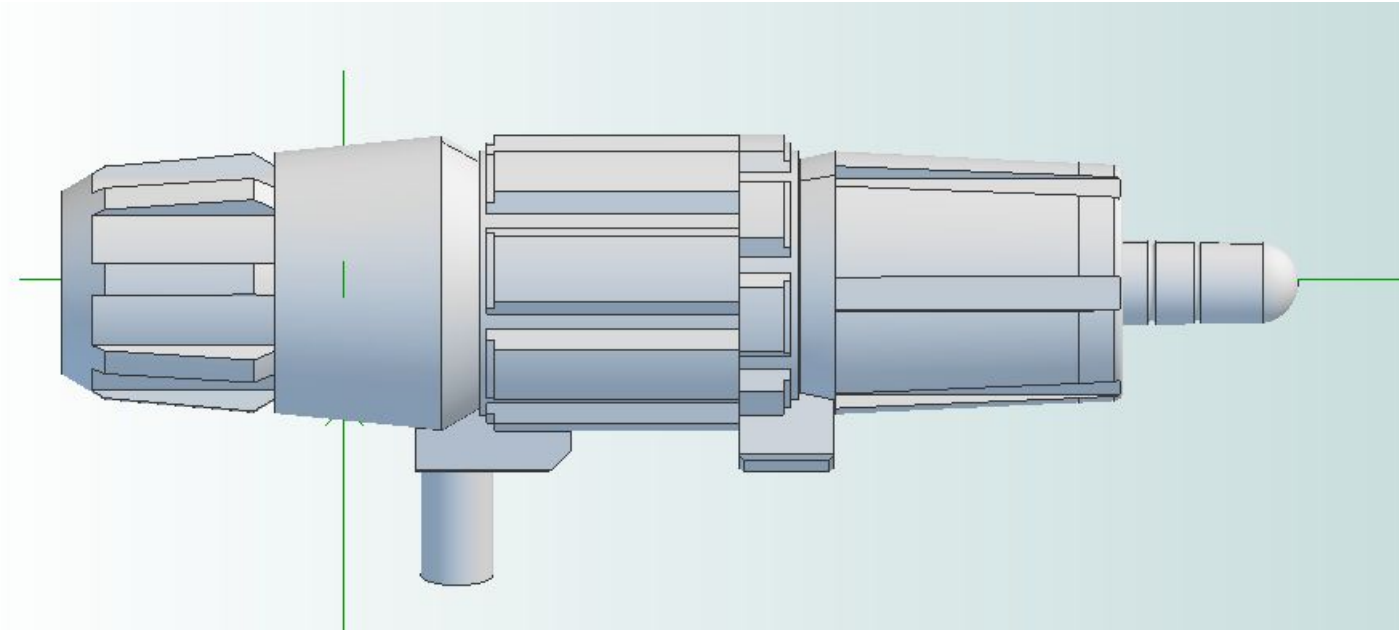
#### TOOLS:

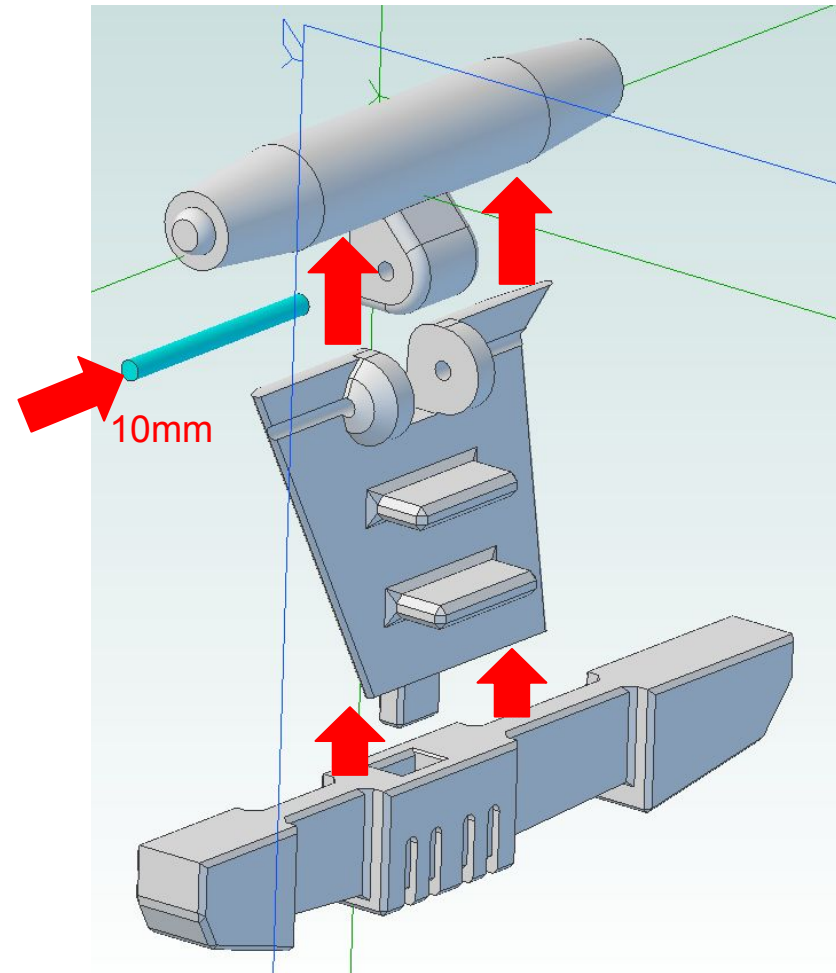
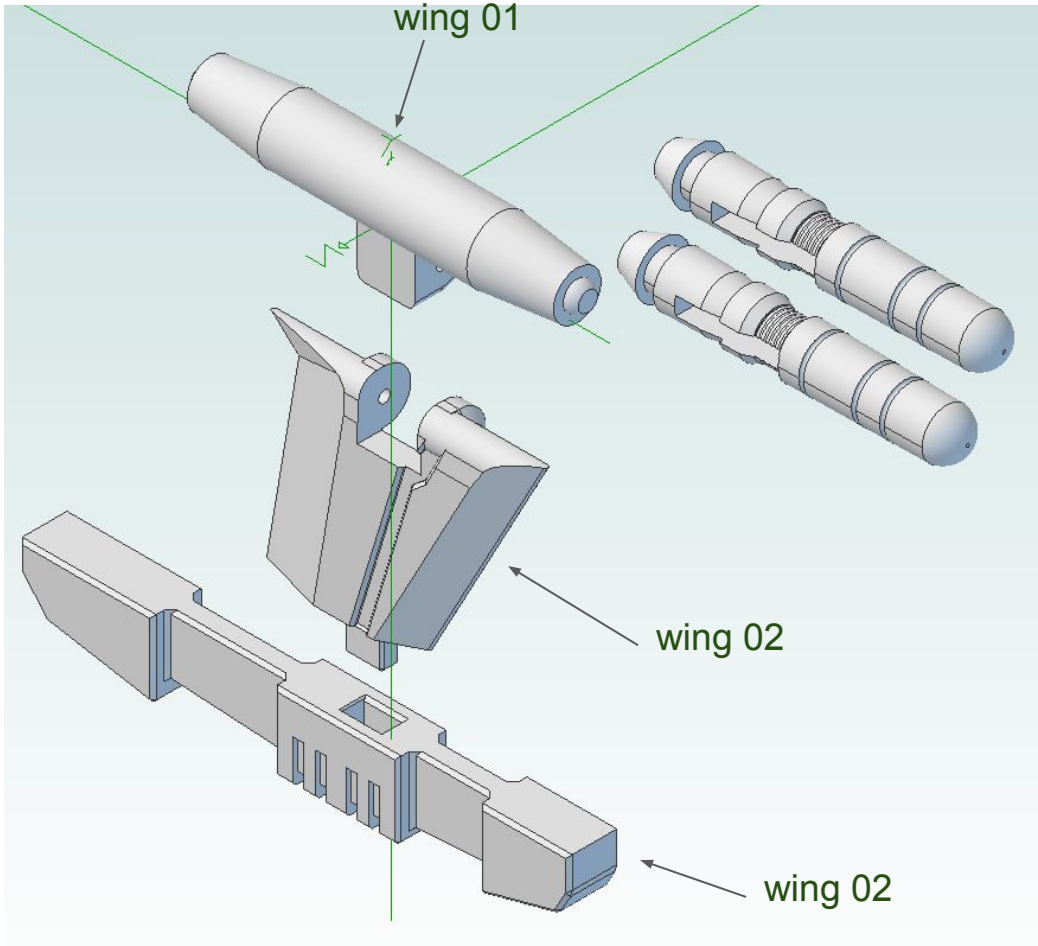
- pliers
- wire cutters
- tweezers with small ends
- screwdrivers
- 1.2mm drill
- 1.8mm drill
- scalpel or/and stanley knife
- different types of files
- cyanoacrylate glue

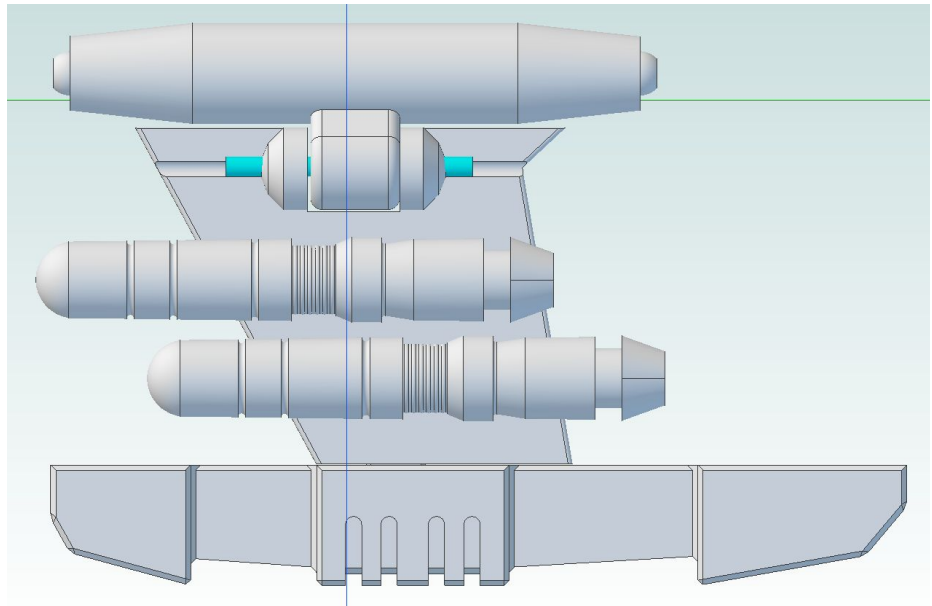
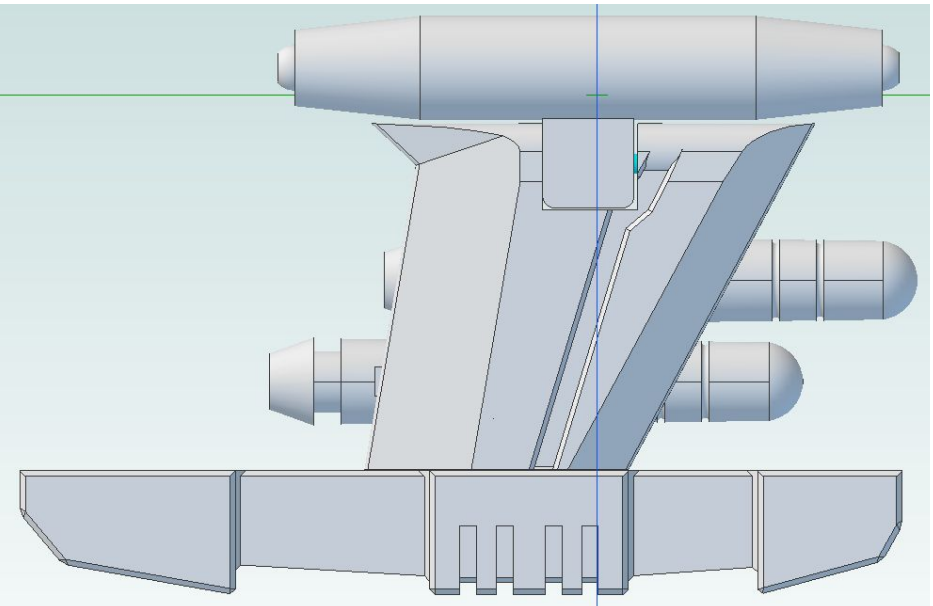














head

visor

faceplate

