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SLS AXM model Instruction Manual

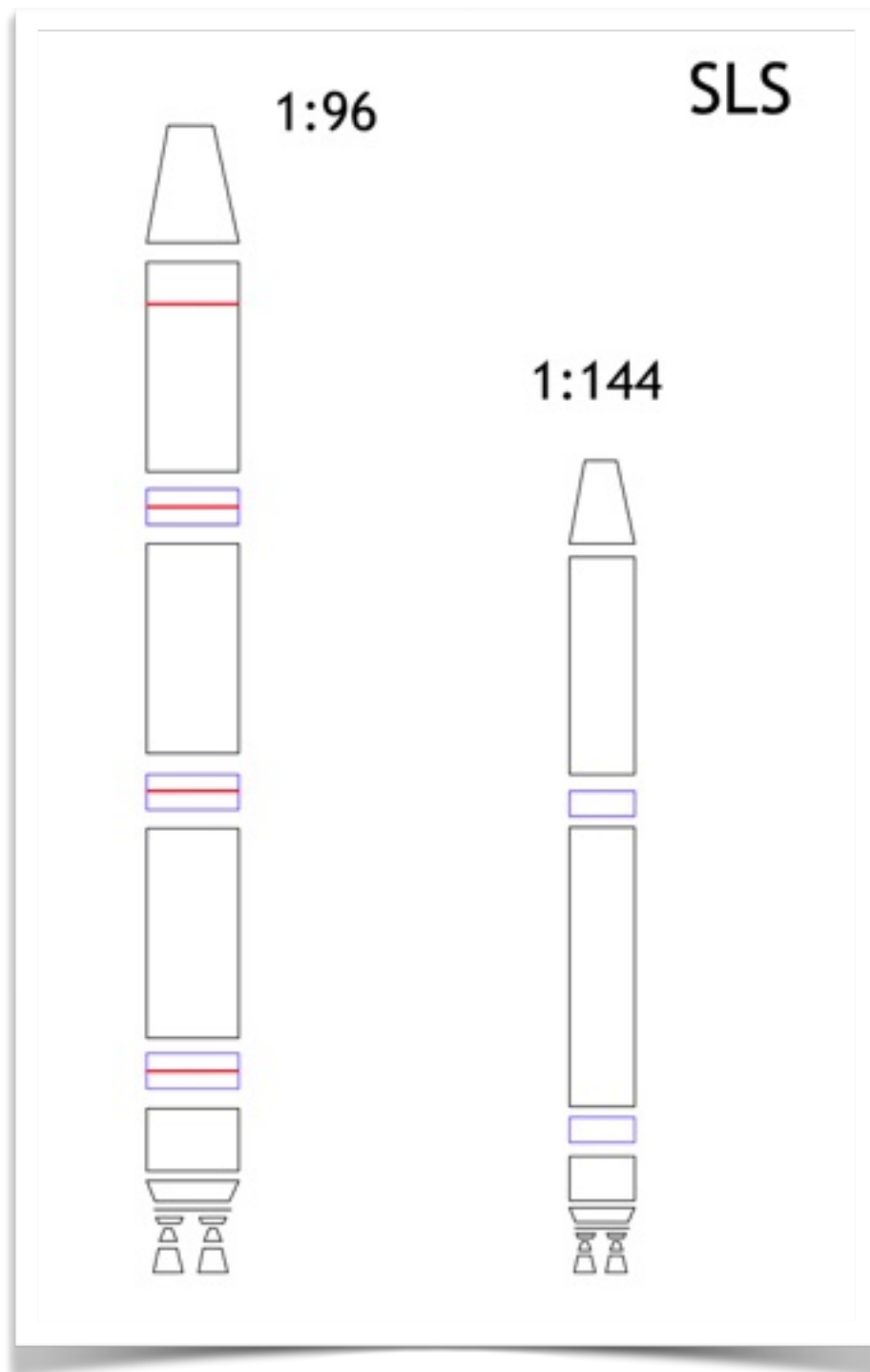


The SLS models shown on this presentation are prototypes, therefore the details such as color and elements may look different from the final models.

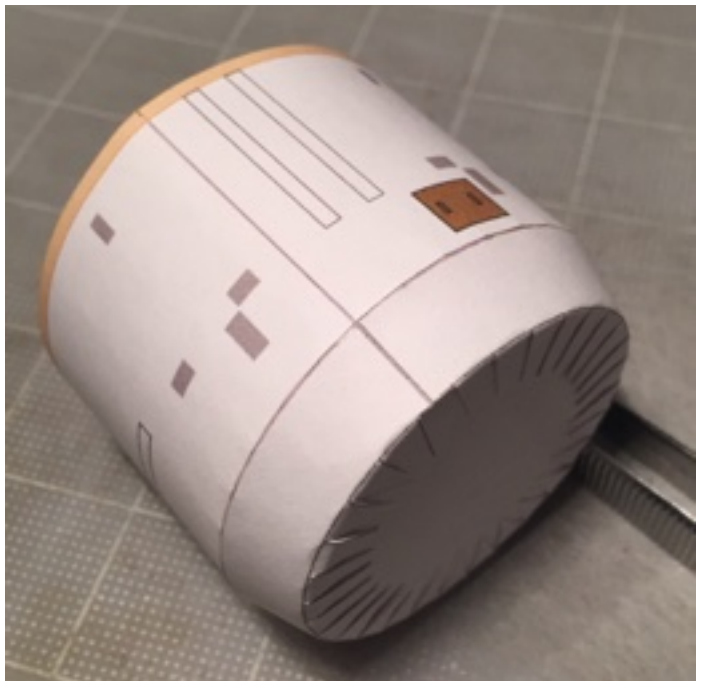
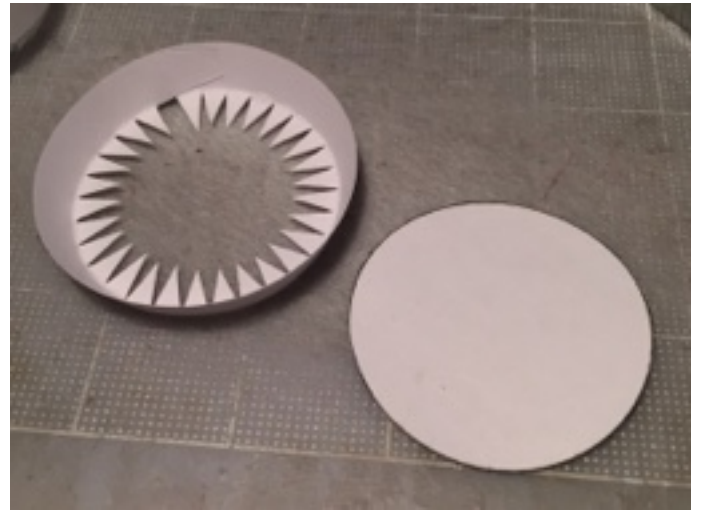
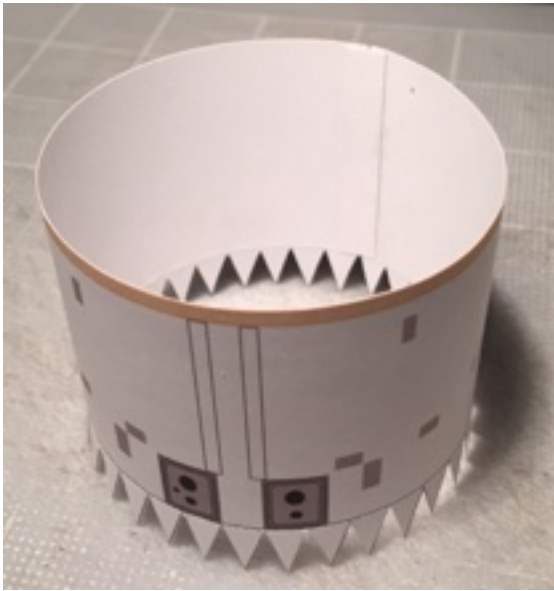
The assembly steps for both scales (1:144 and 1:96) are very similar. This manual will show the differences side by side for both scales and the extra detailed elements used for the larger scale model.

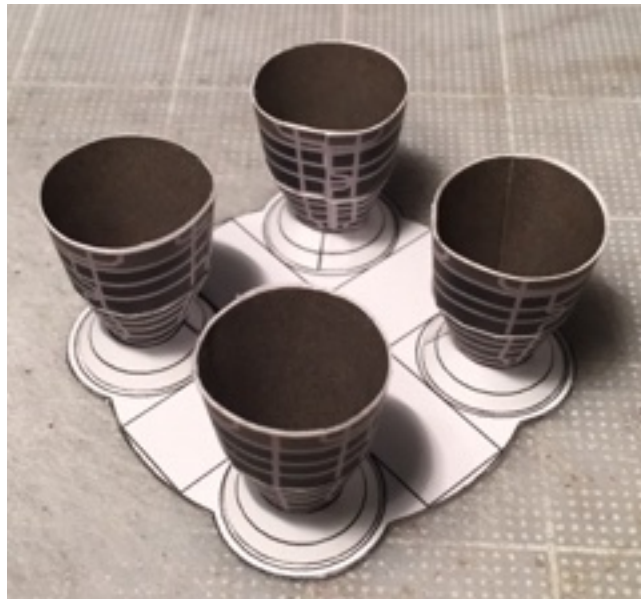
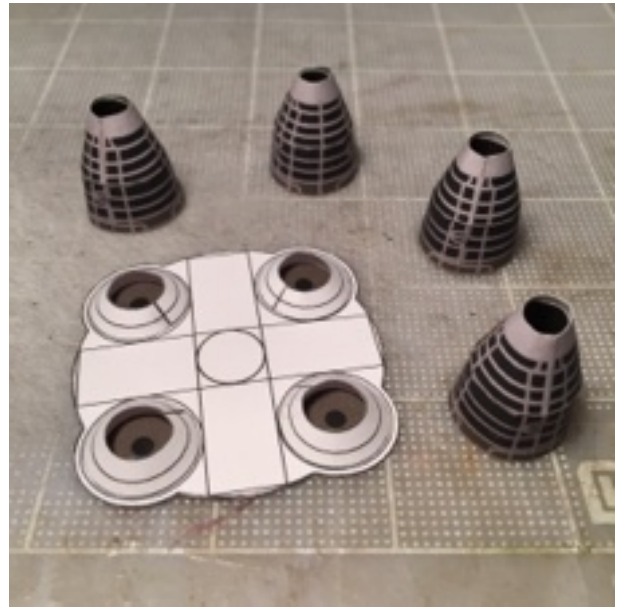
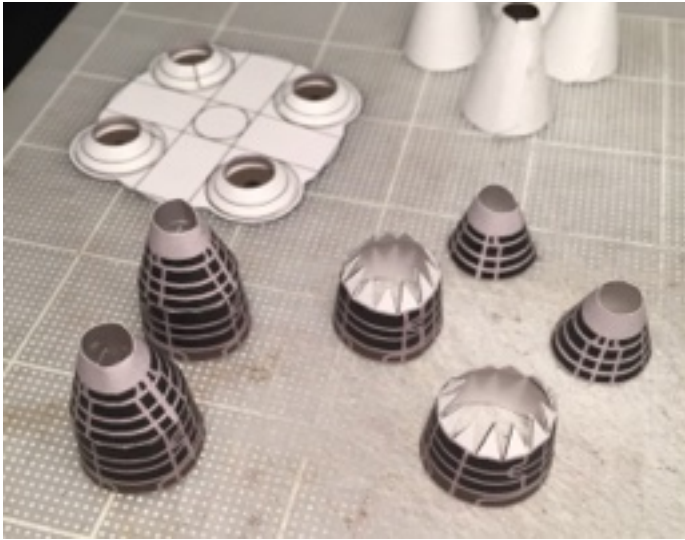
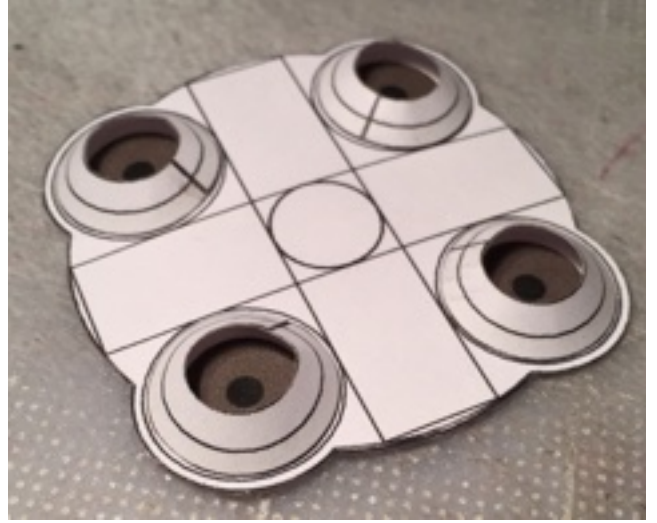
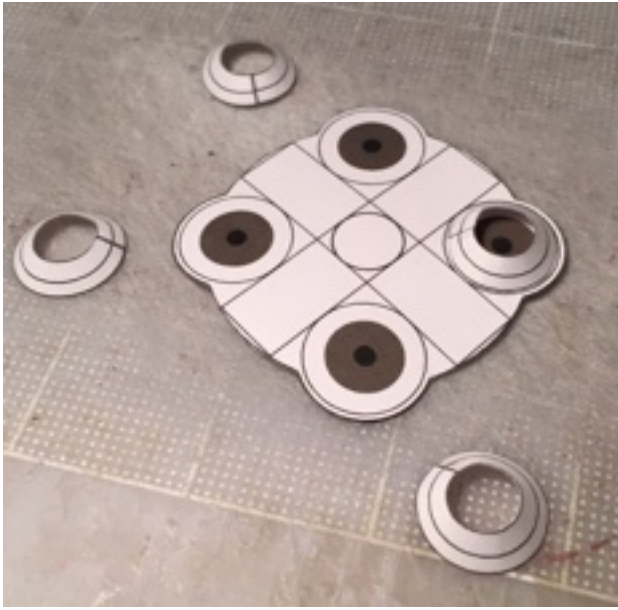
In order to save ink, I decided to include blank templates of the Core Stage so you can use any colored cardstock, in this case orange or rusted brown color. At the time of this presentation there is no real photograph of the vehicle showing what color will the Core Stage be.

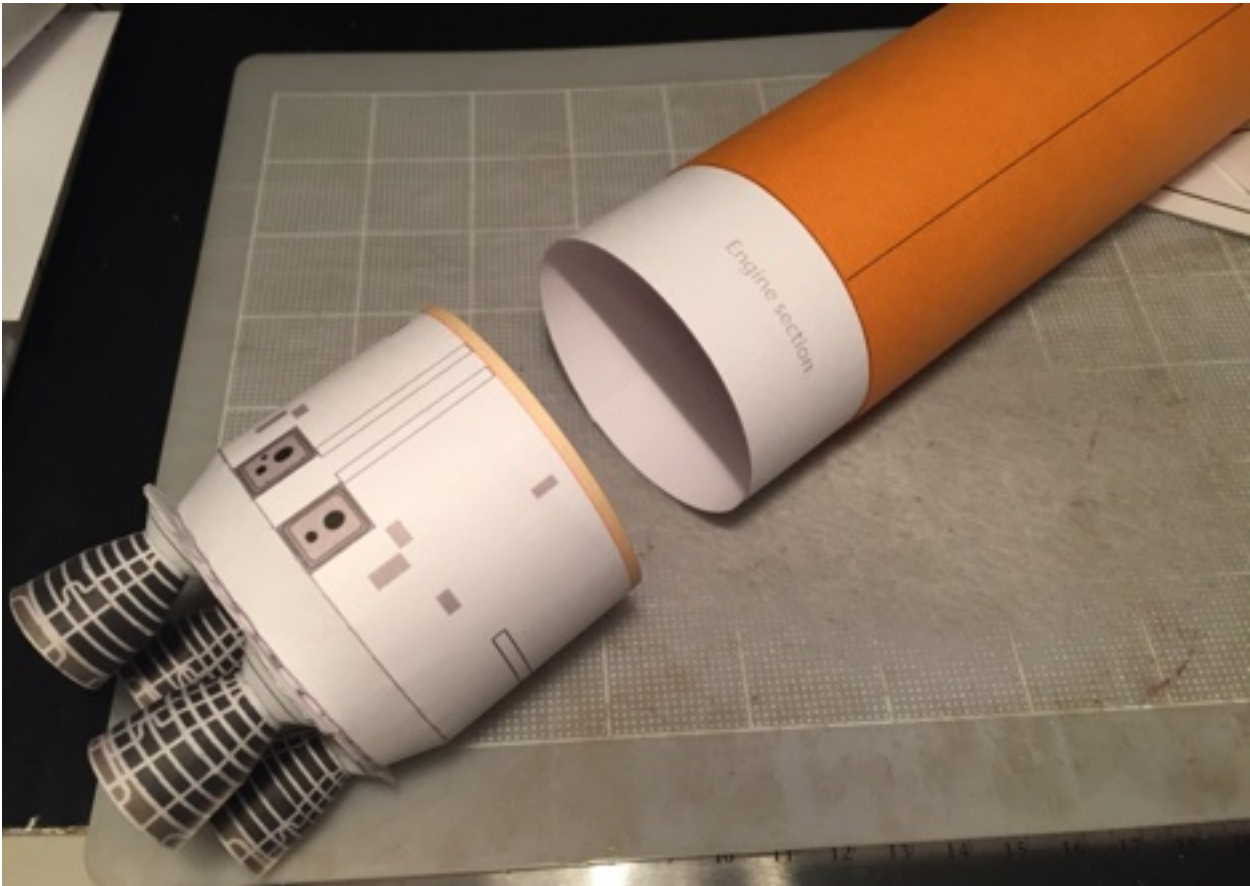
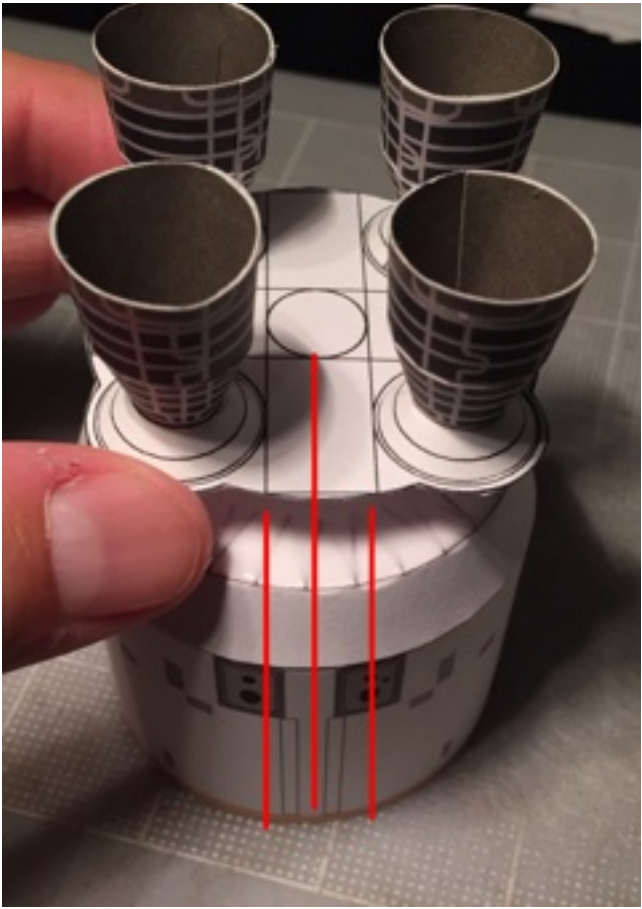
Once the SLS becomes a reality, then these models will be updated.

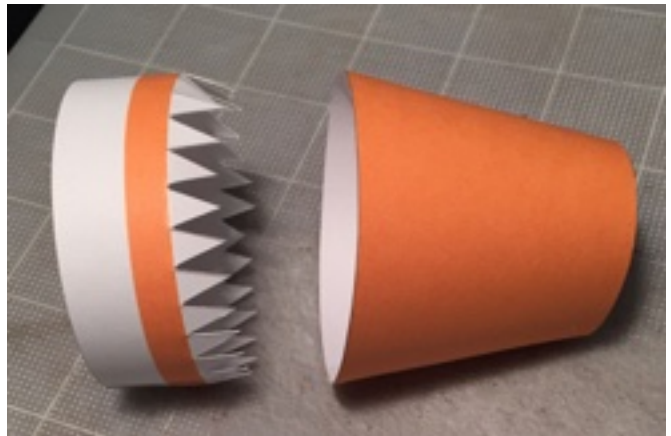
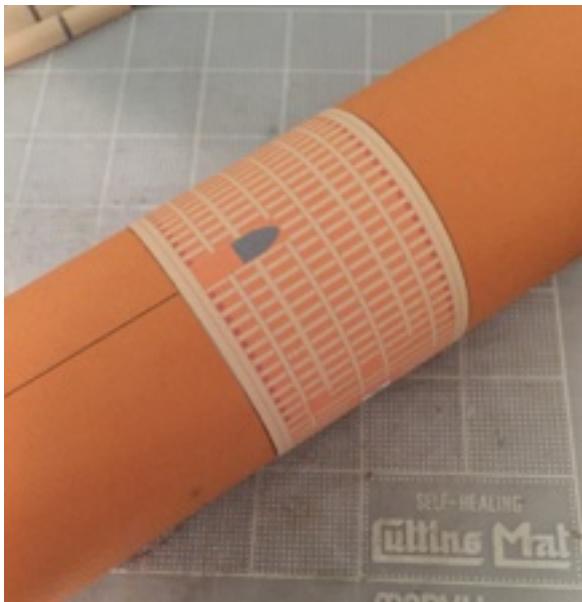
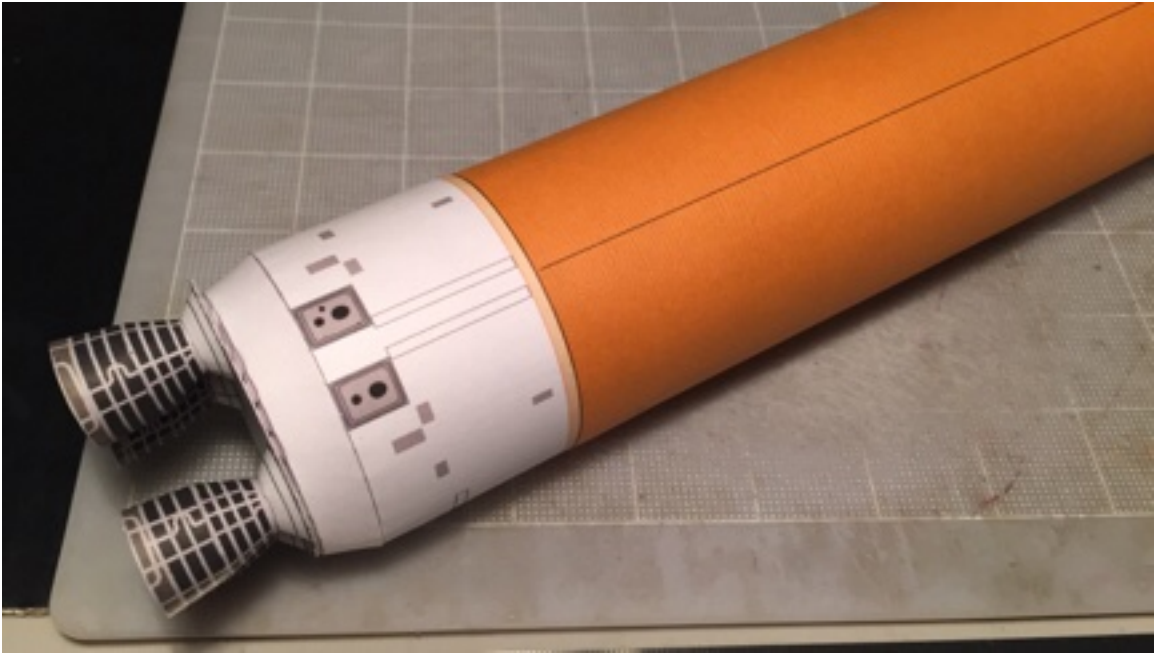


Engine section and Core Stage



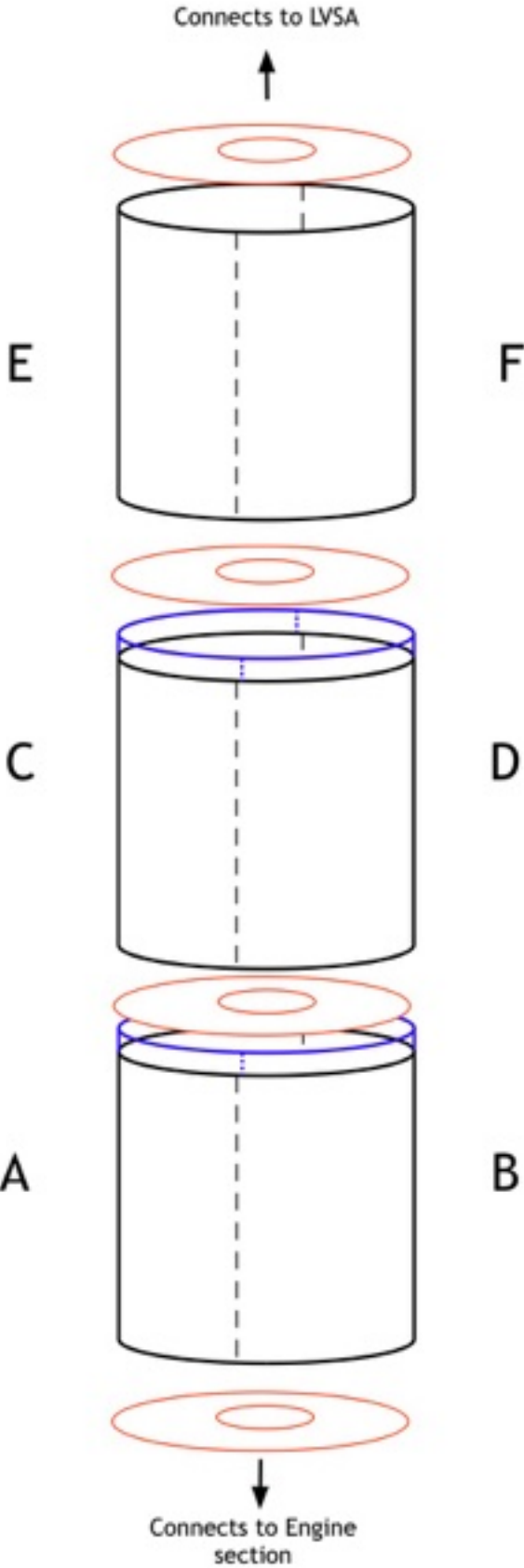




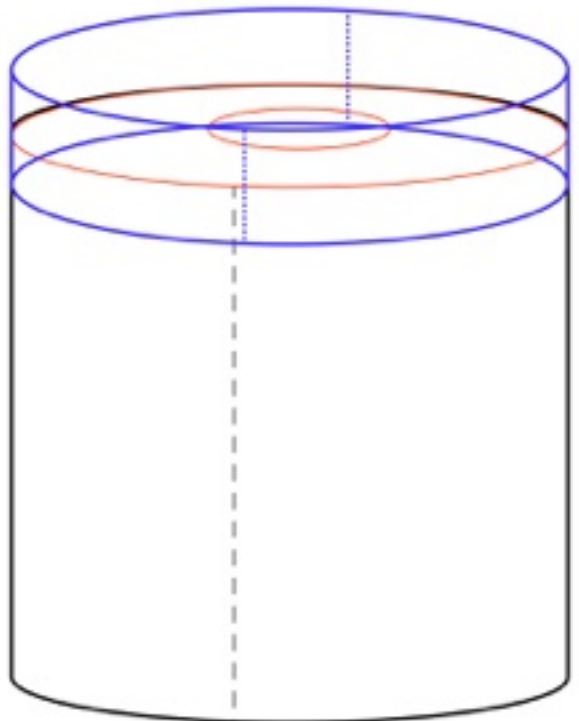
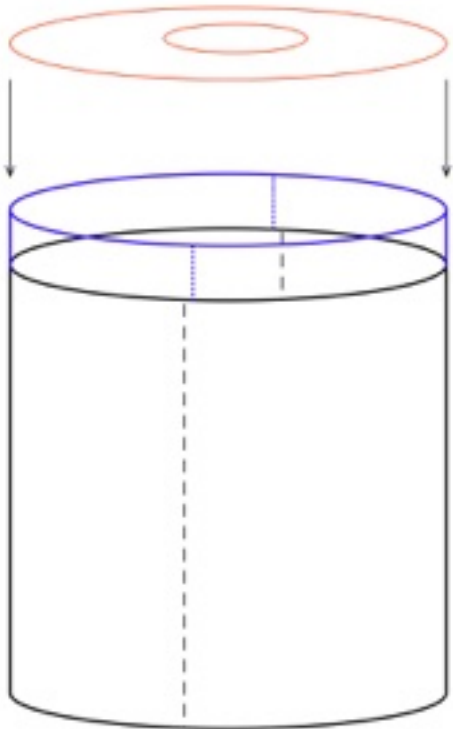
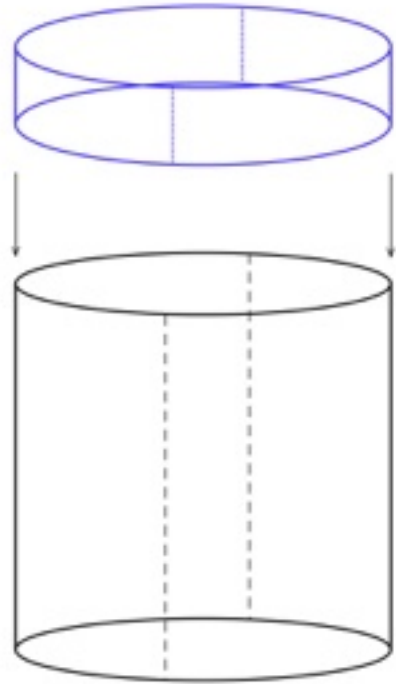
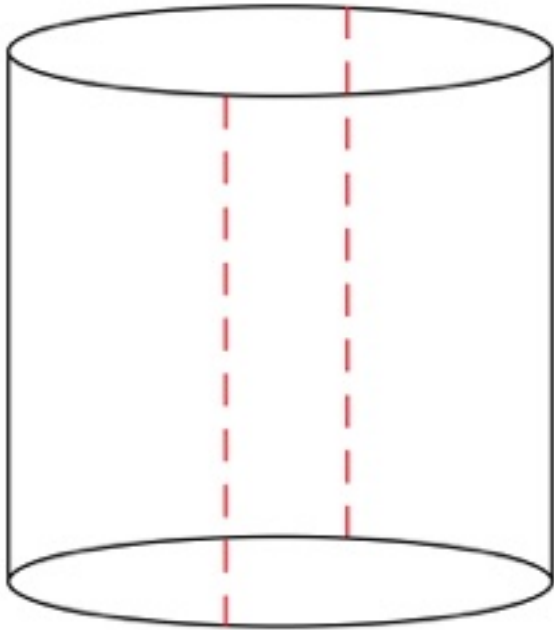


SLS 1:96

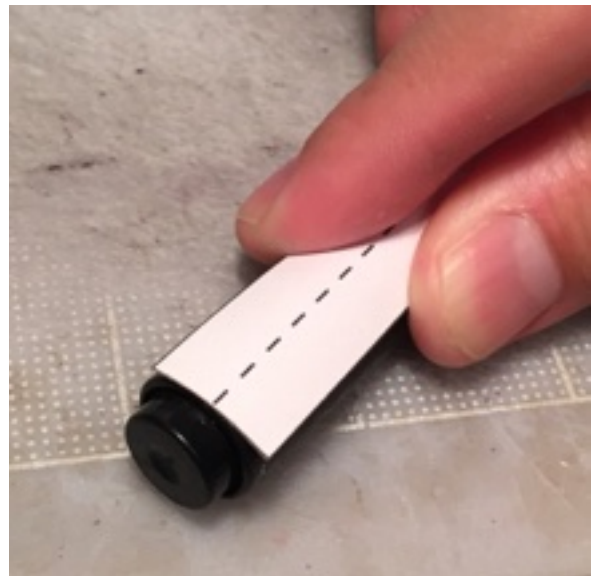
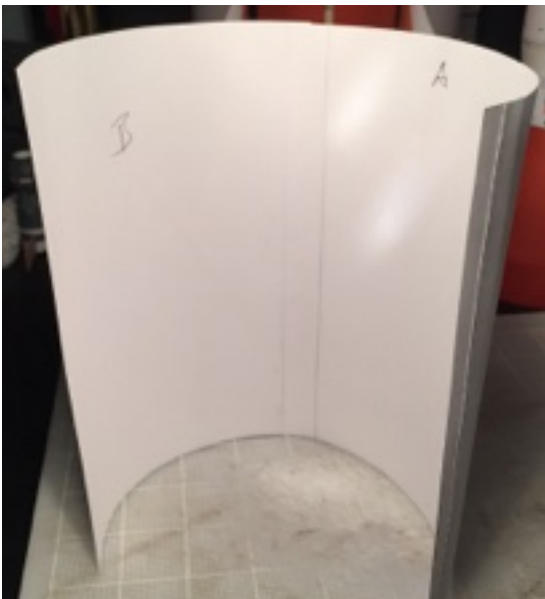
Not to scale



Demonstration model of a 1:96 Core Stage segment



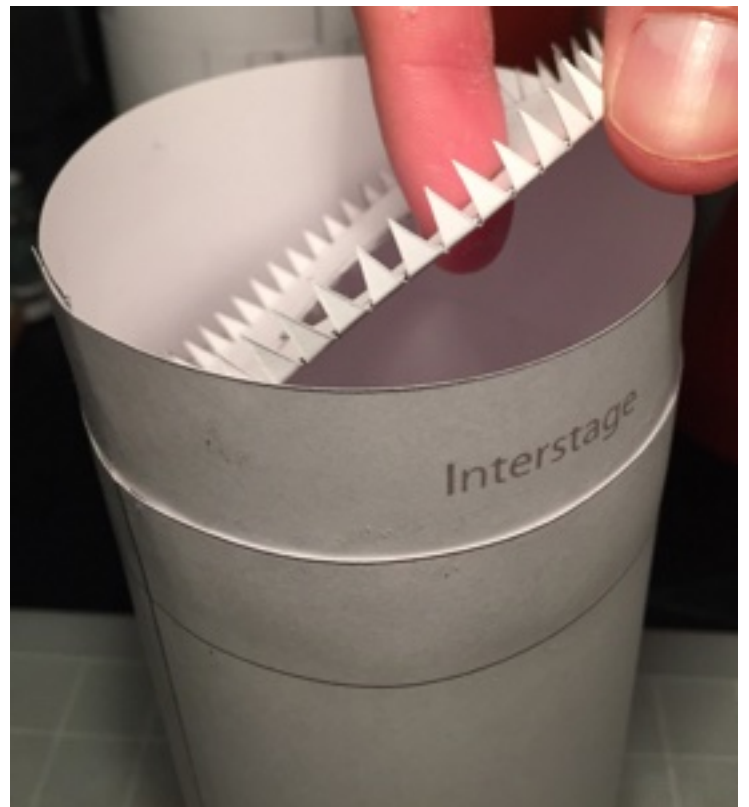
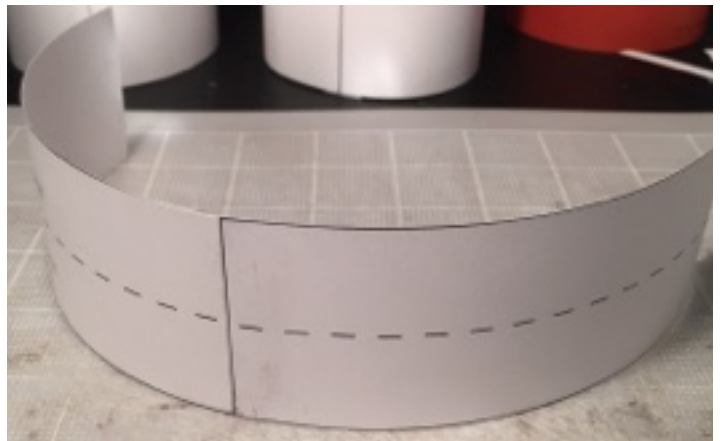
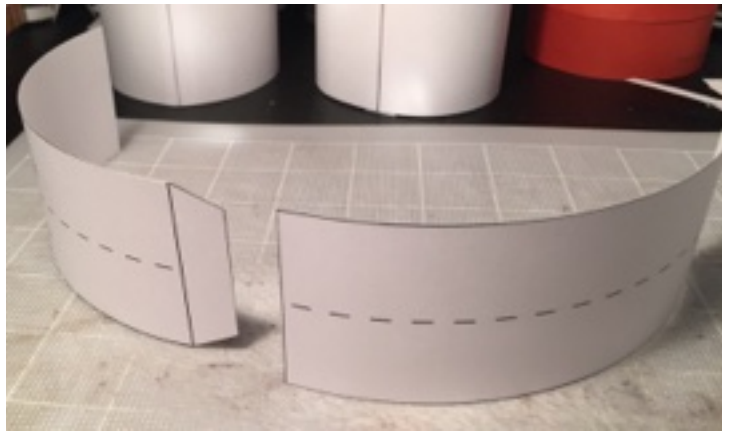
Prototype

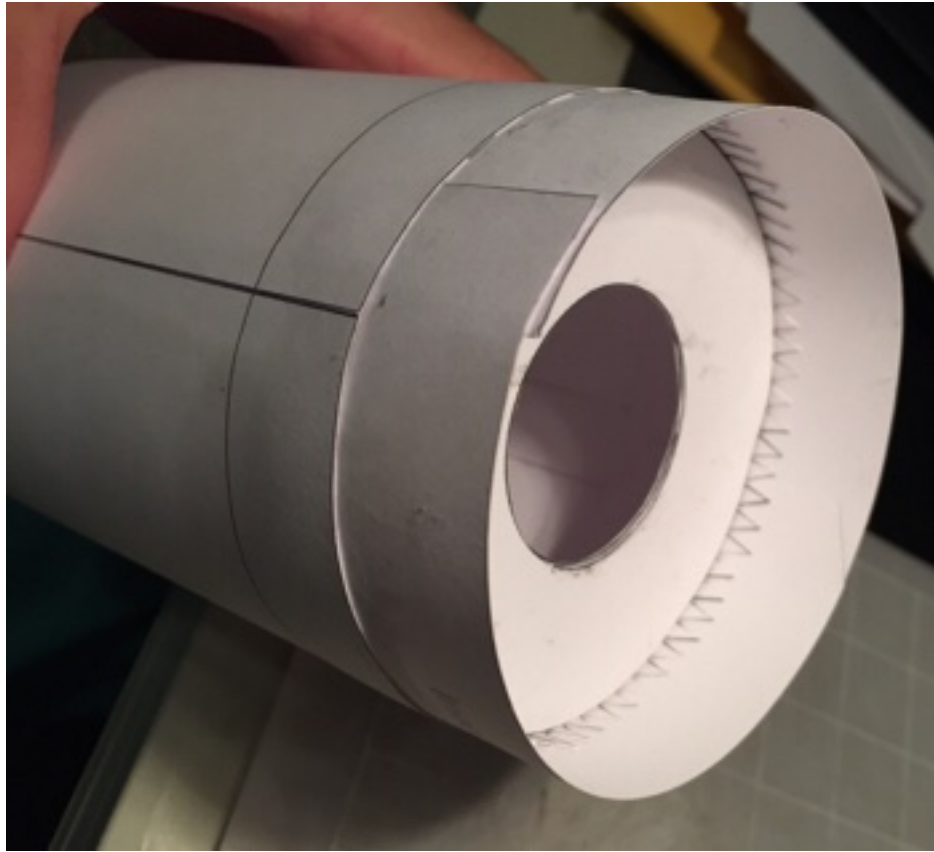


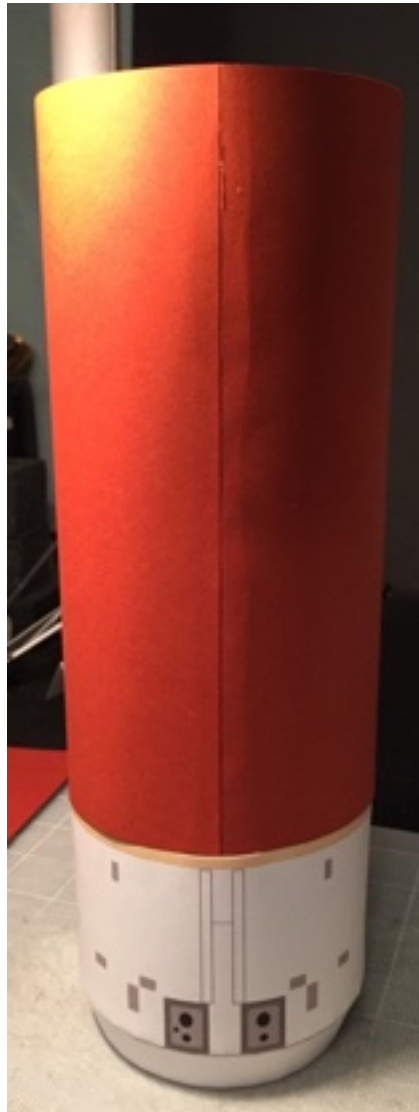
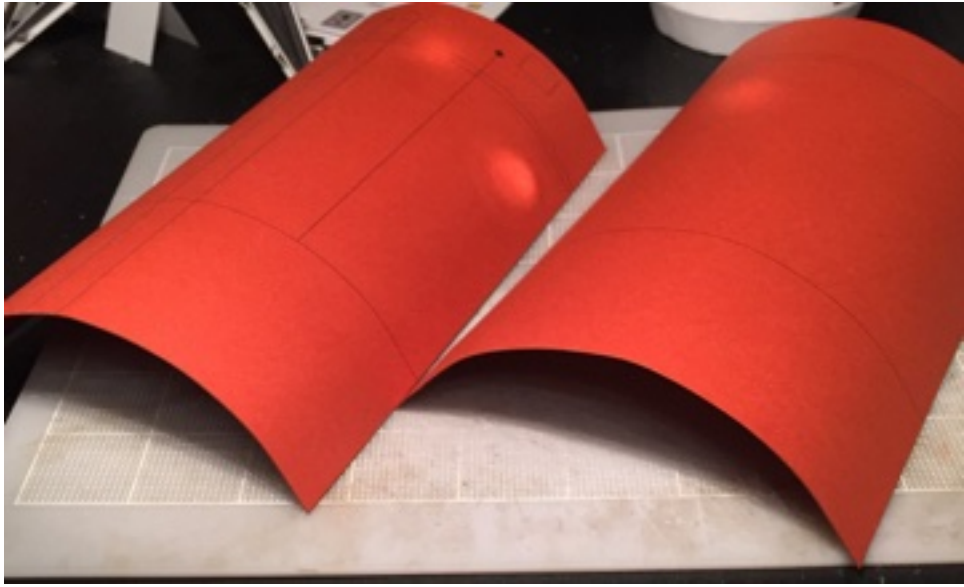
A good advice is to write on the back of each half segment the letter each part corresponds to.

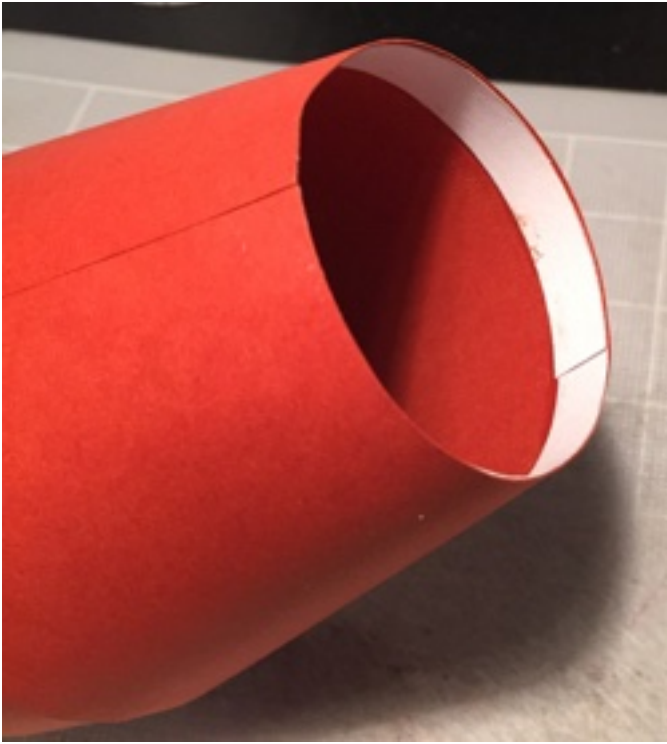
The vertical connector tab also needs to be curved.





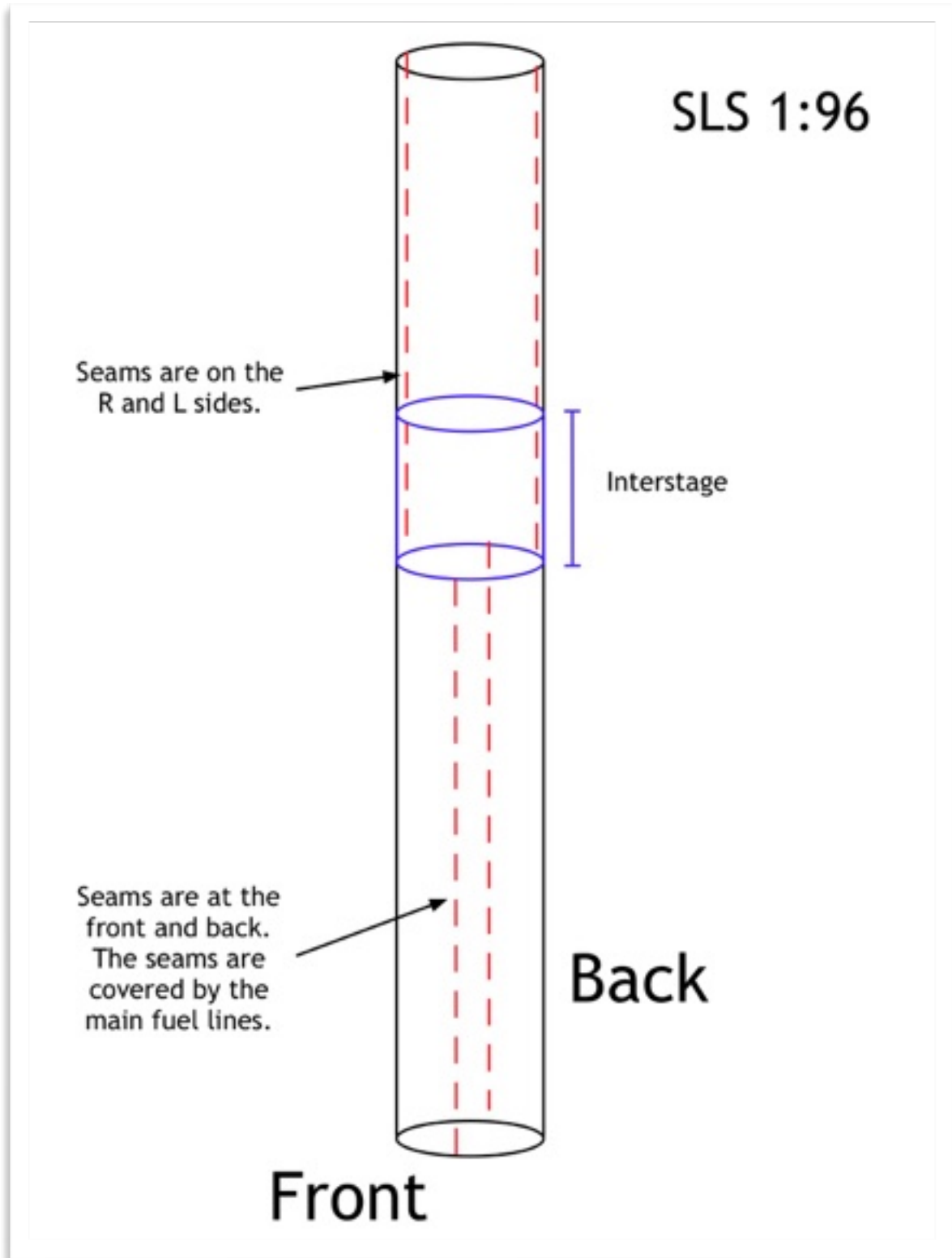


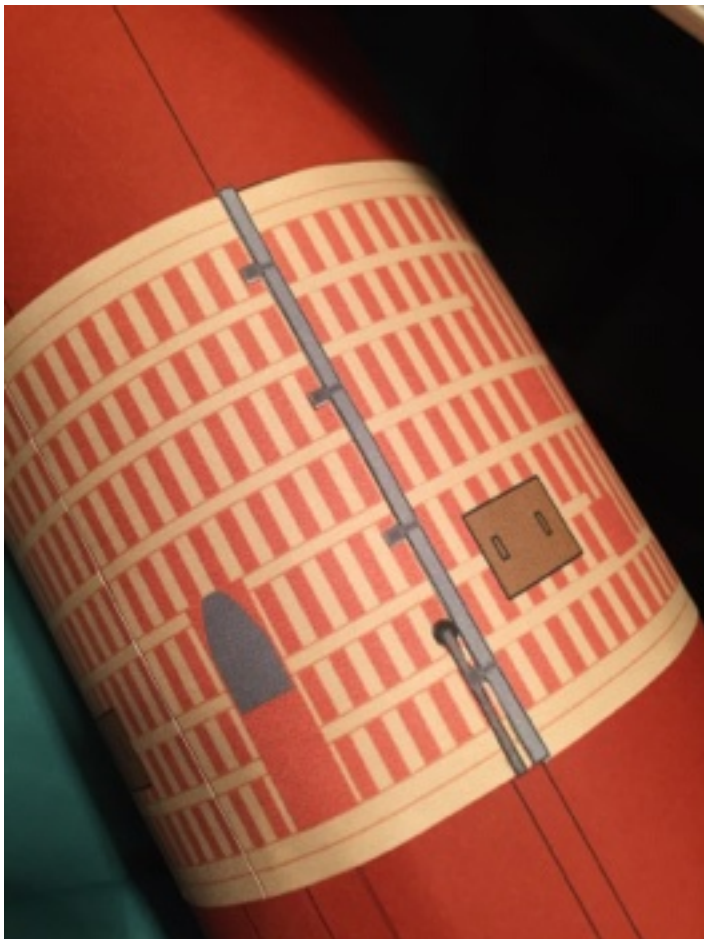
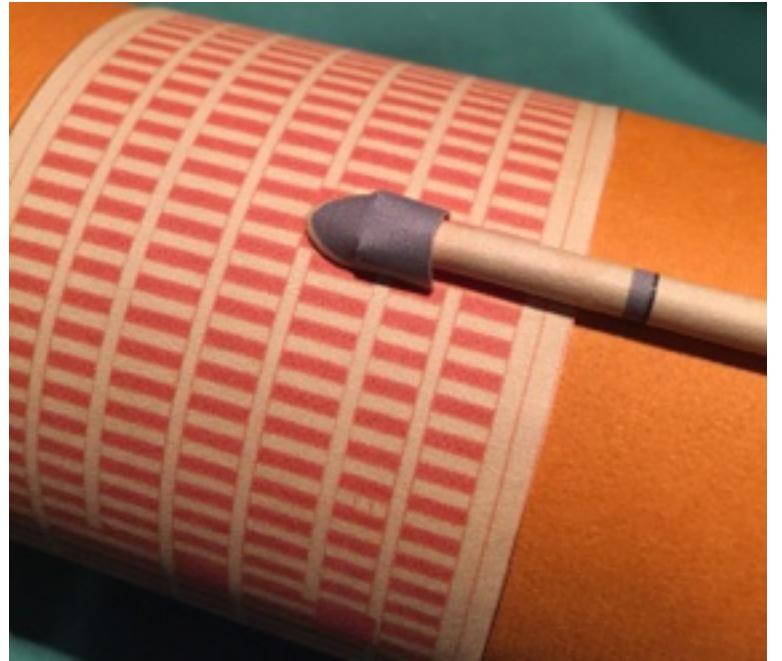


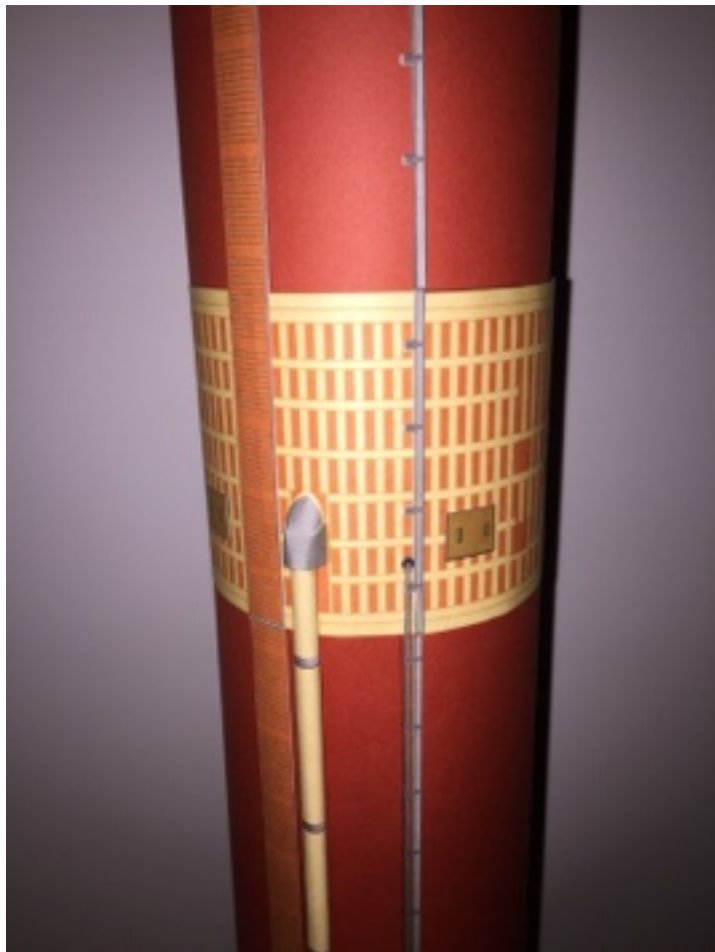
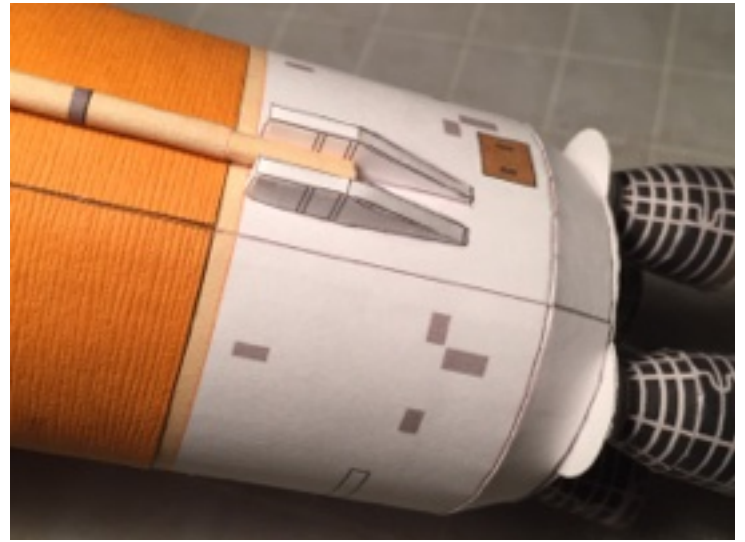
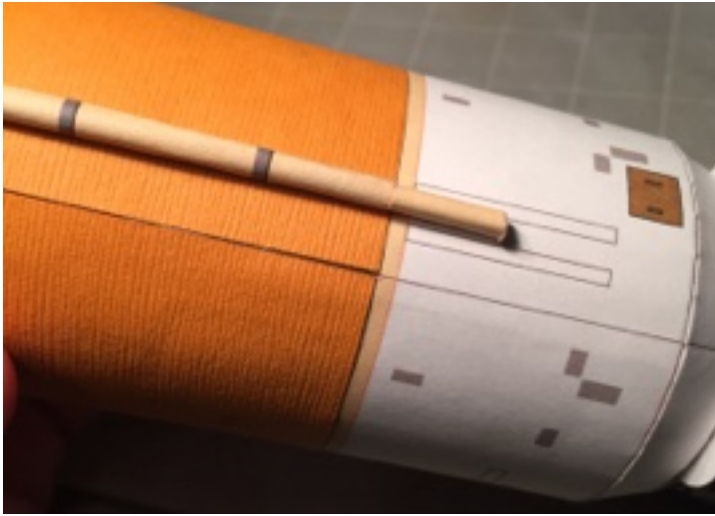


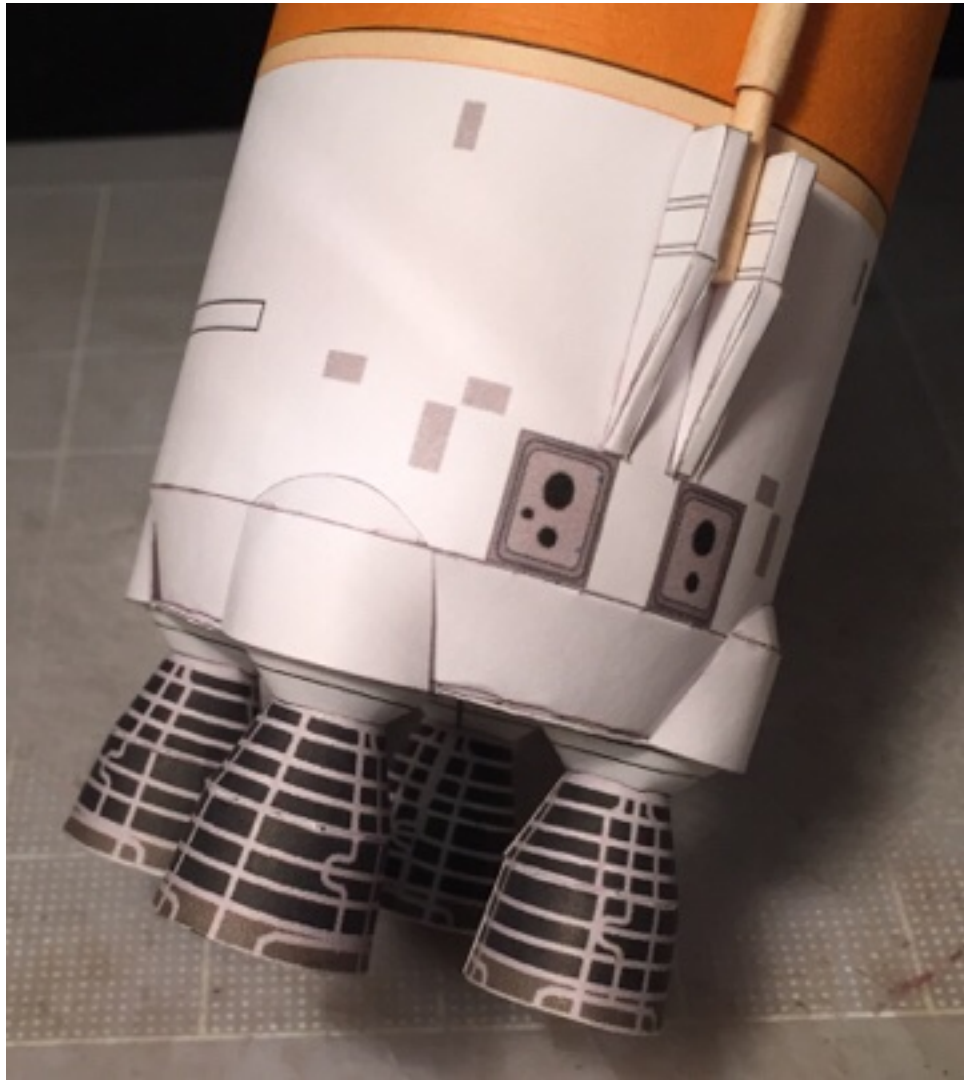
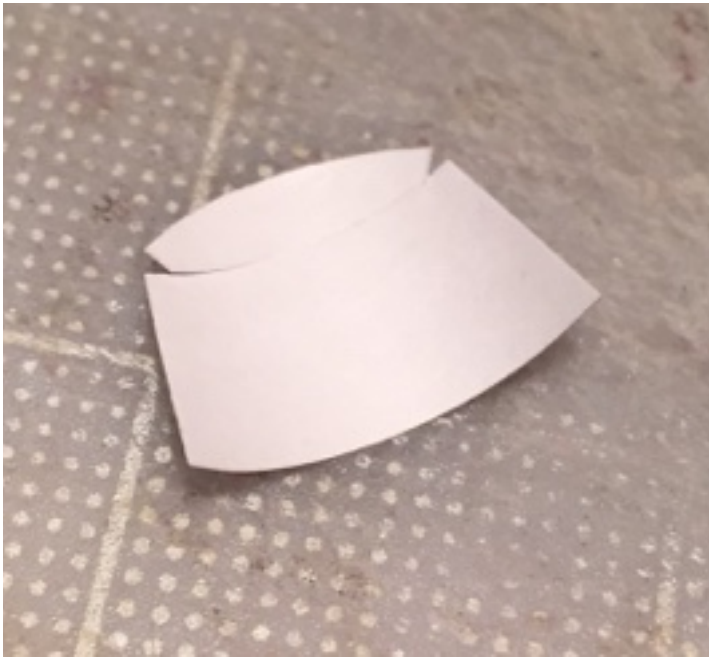
This cone (LVSA) snaps in place. It can be glued to the rest of the rocket or not.

Interstage and Fuel lines

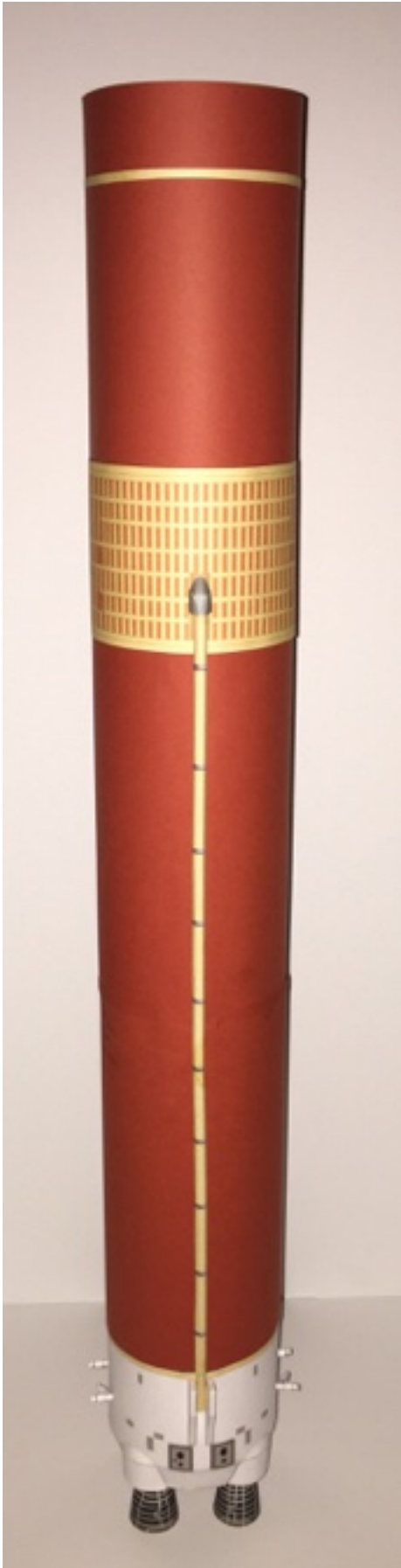


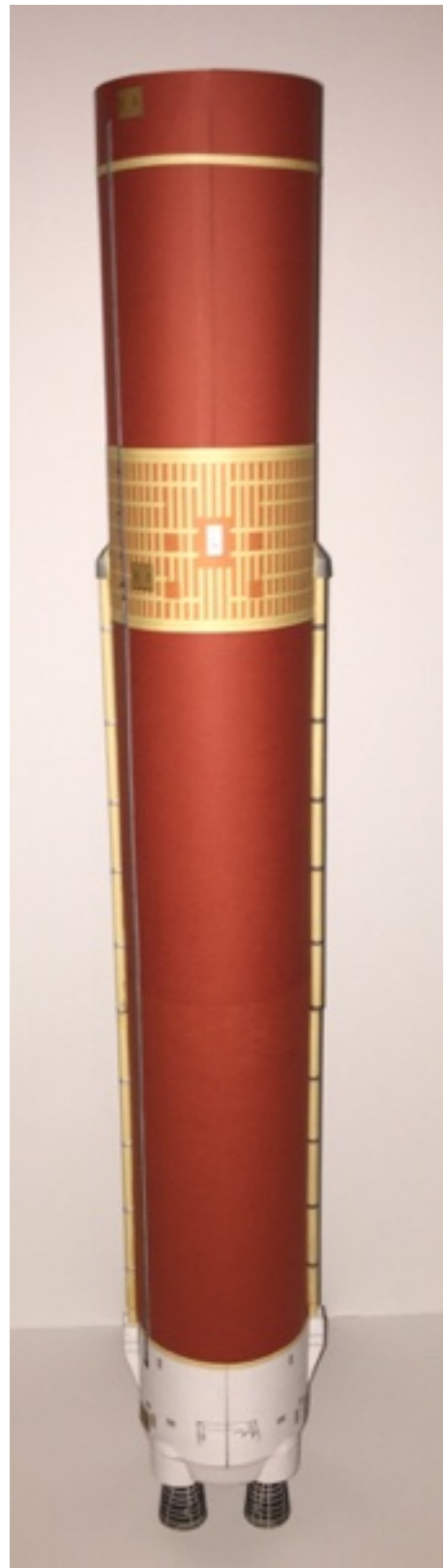






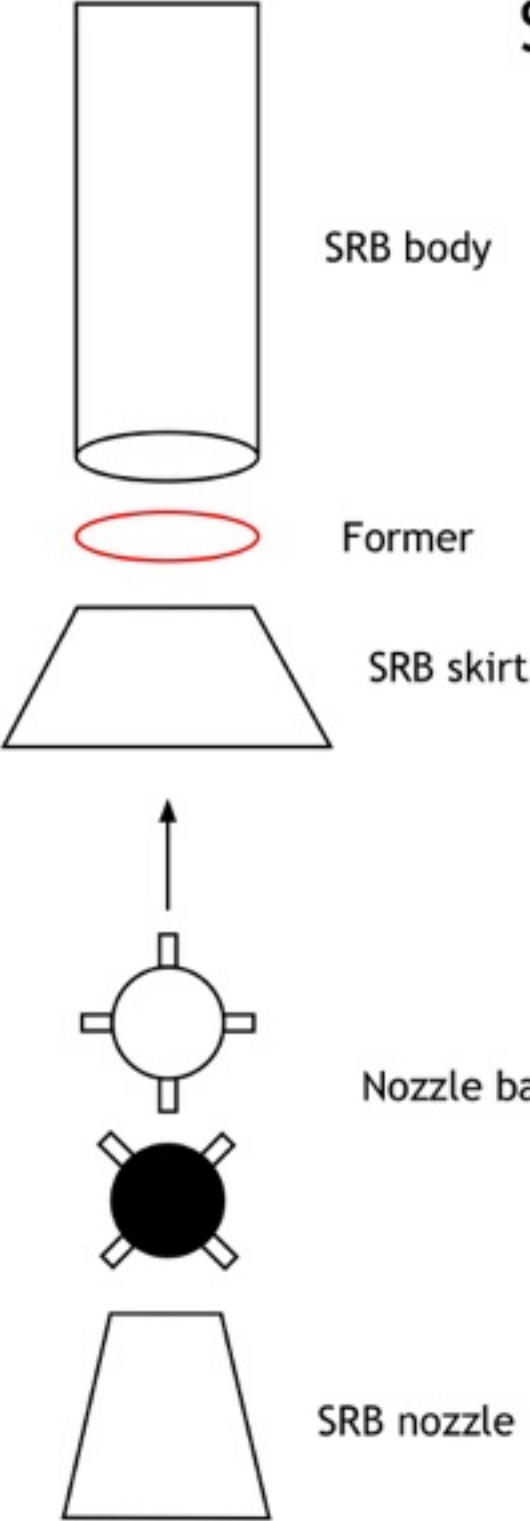


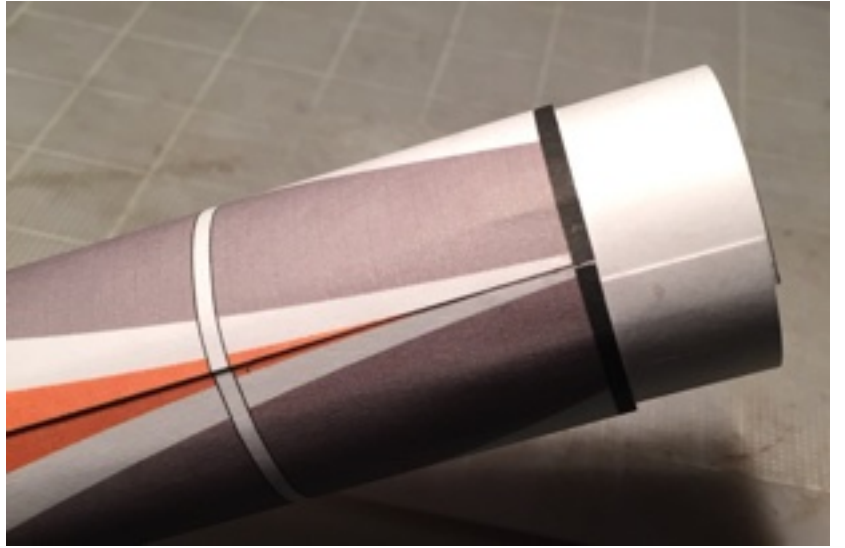


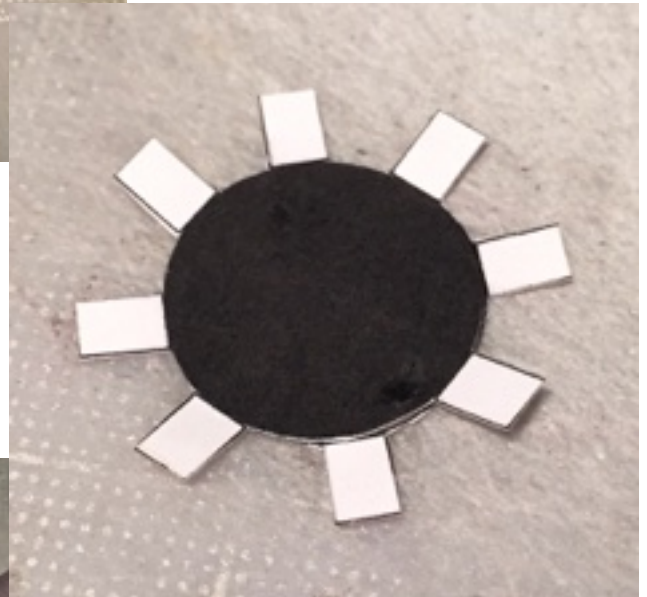


Solid Rocket Boosters

SRB

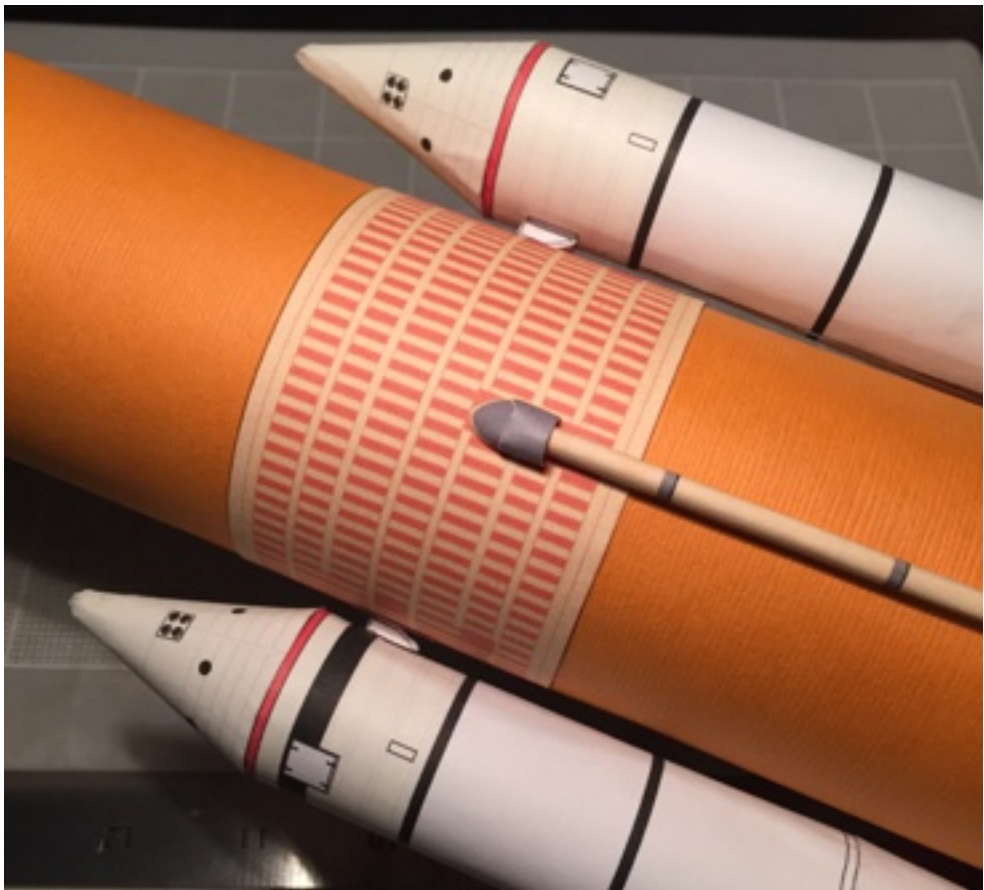




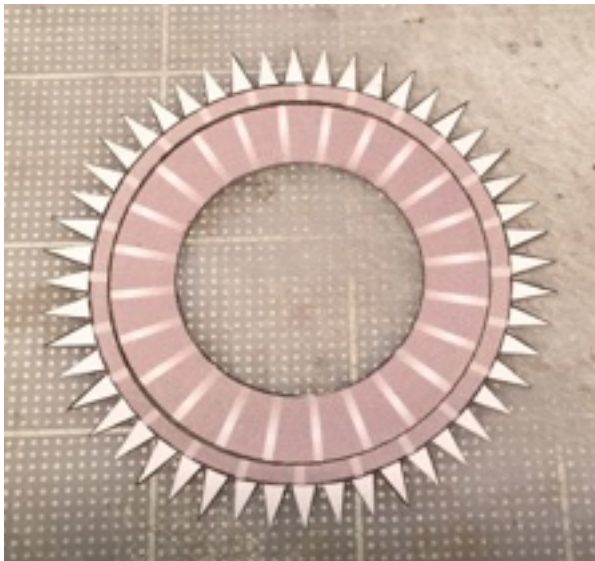
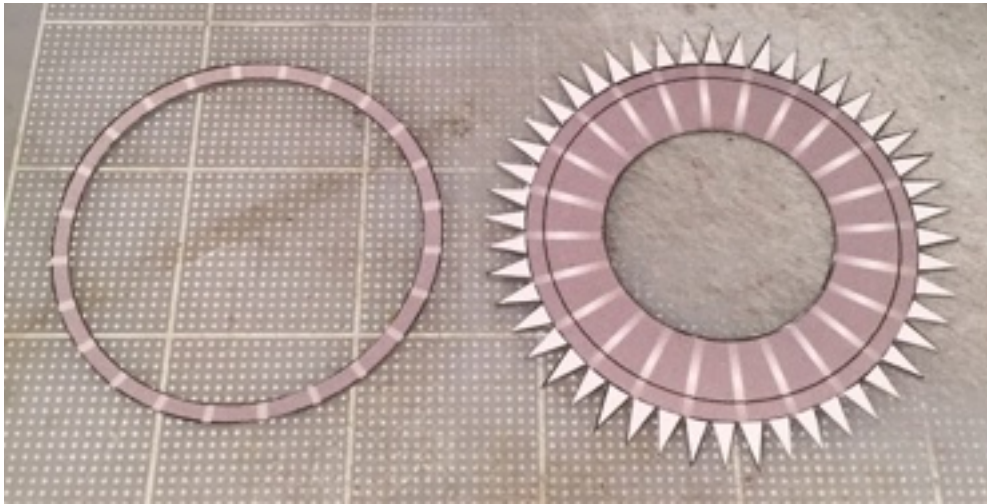
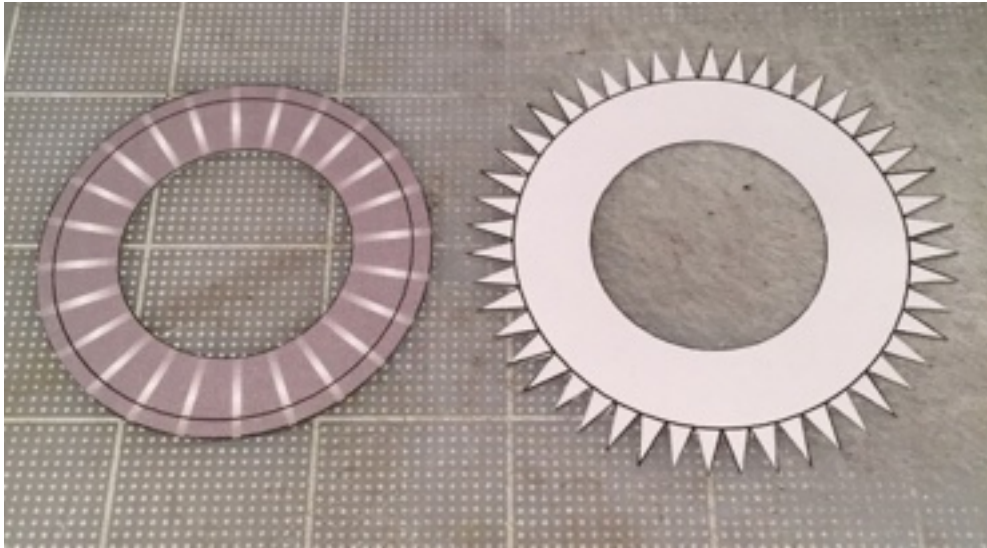


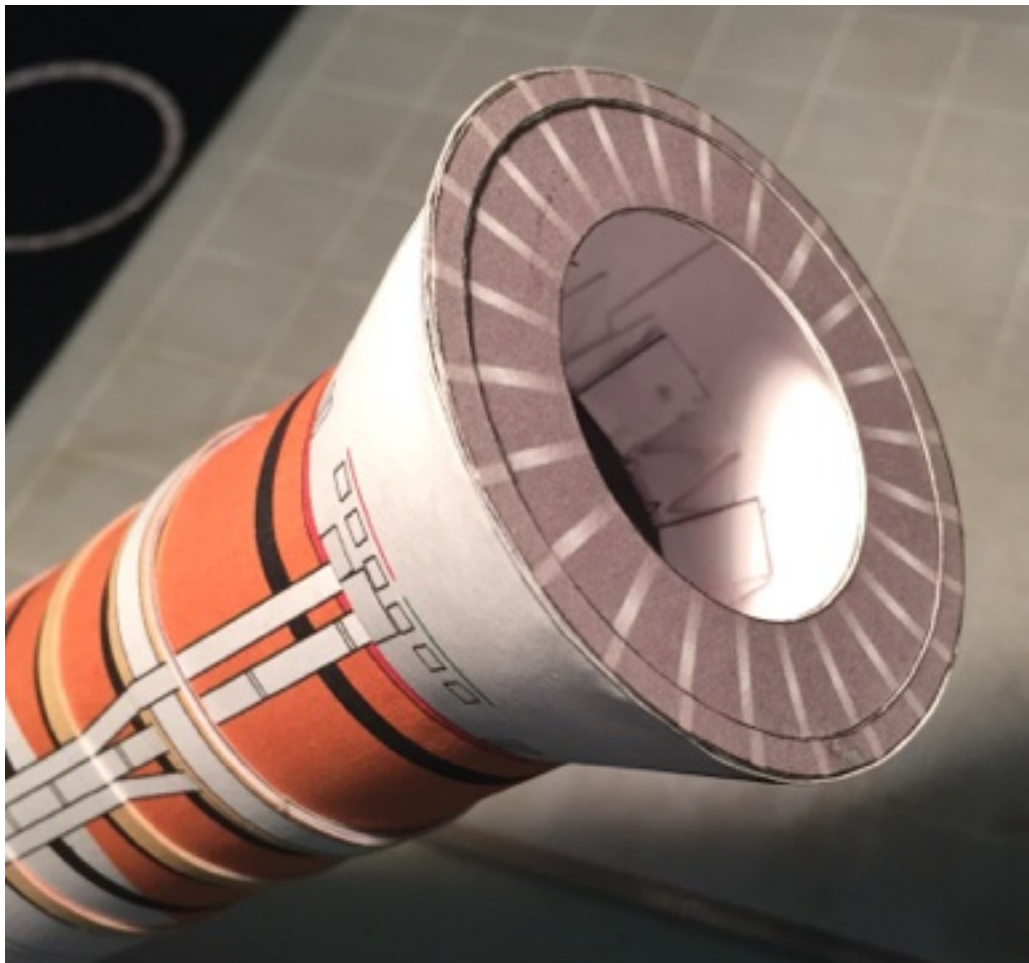
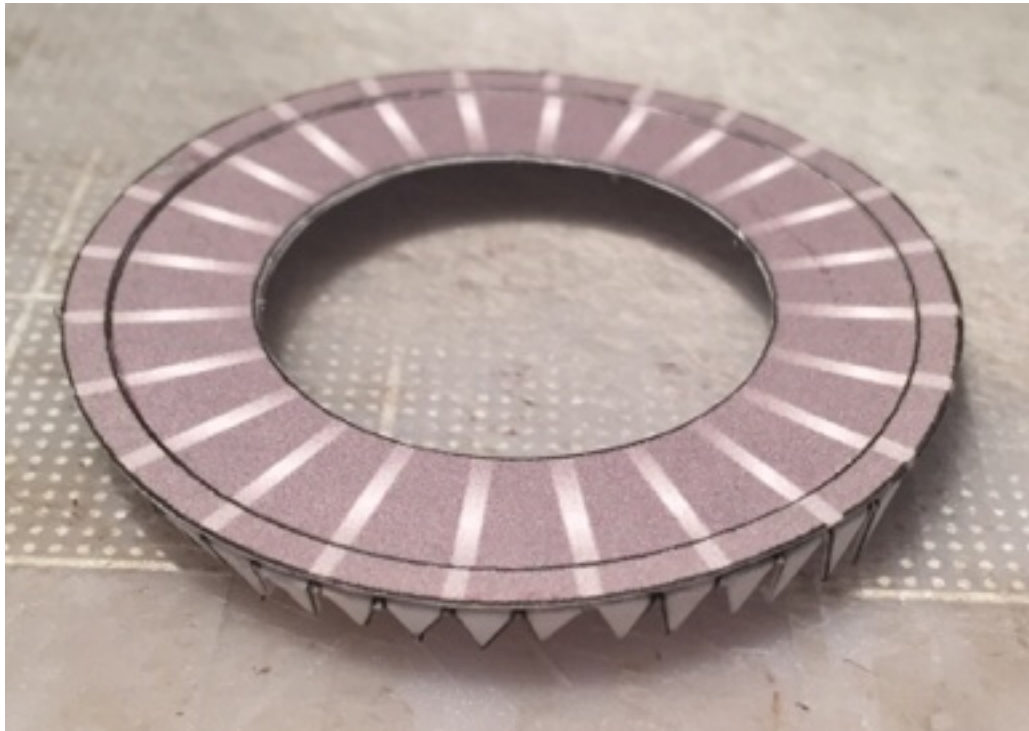
Base for the nozzle

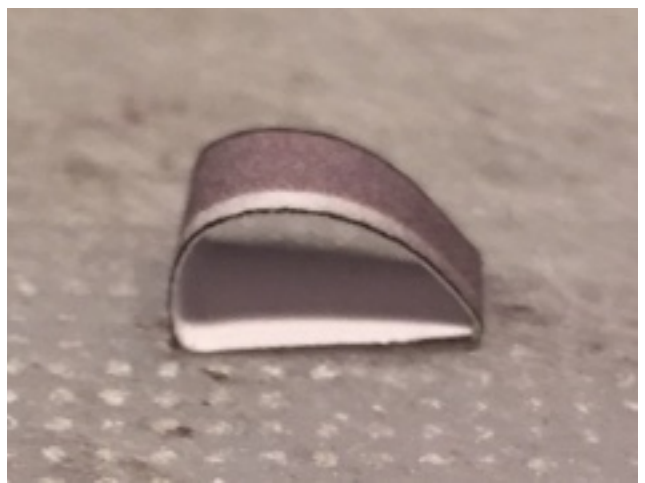
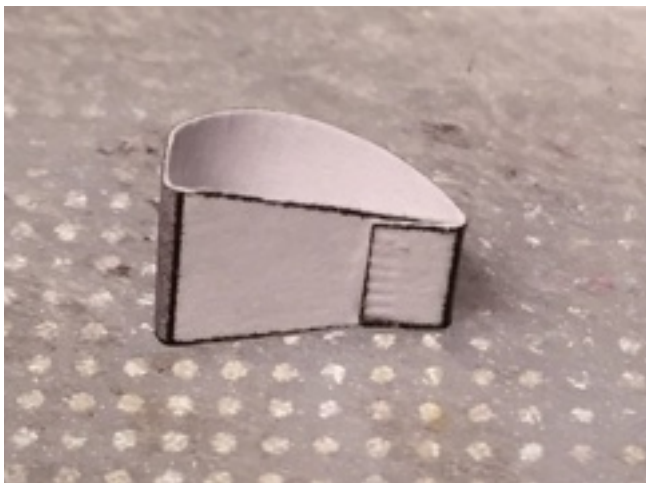


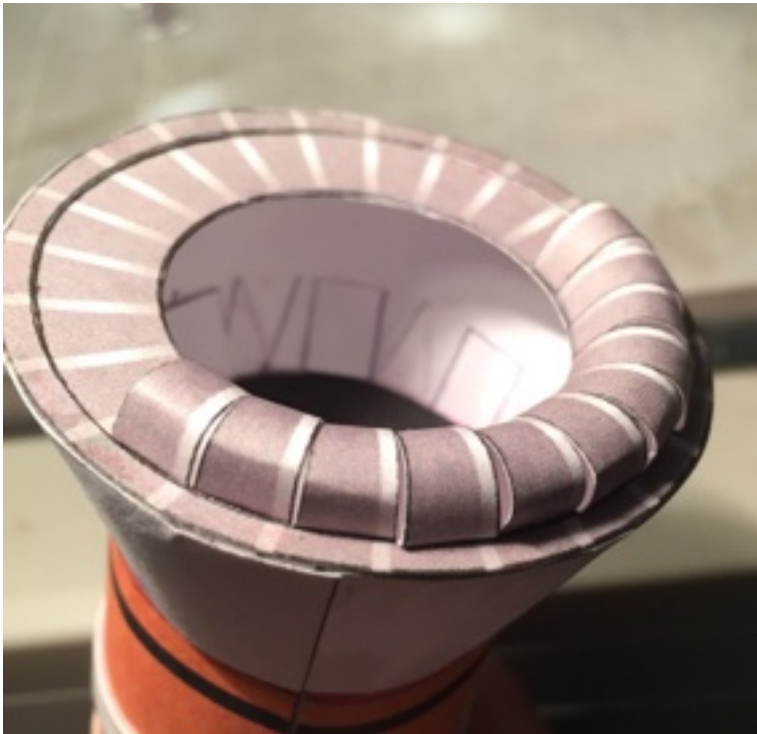
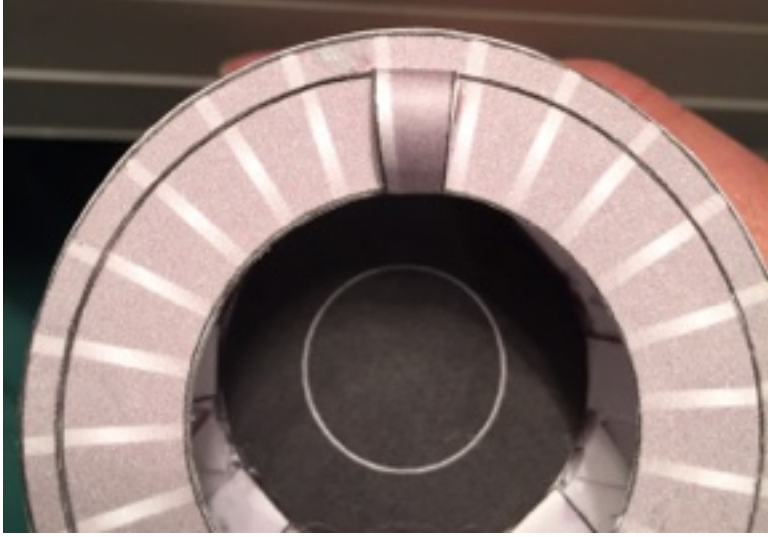


1:96 only

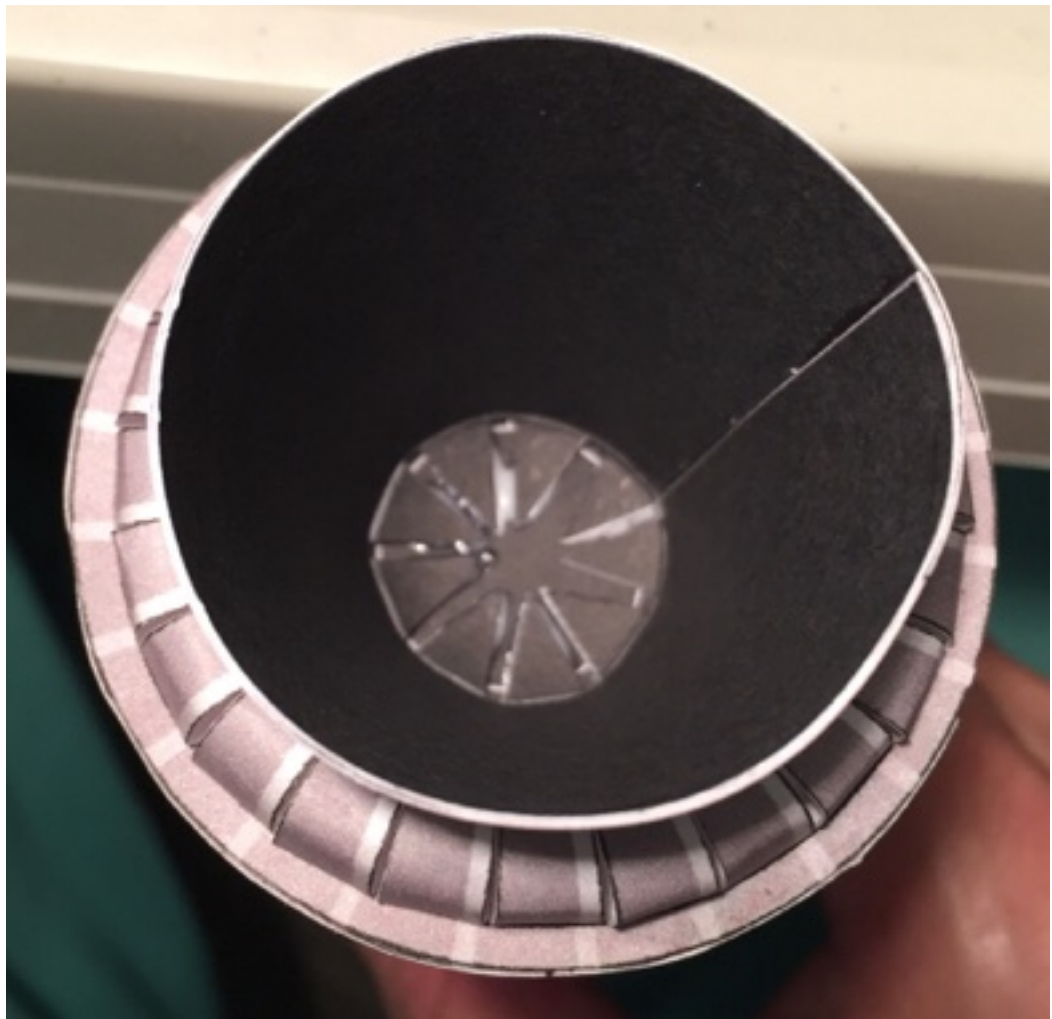
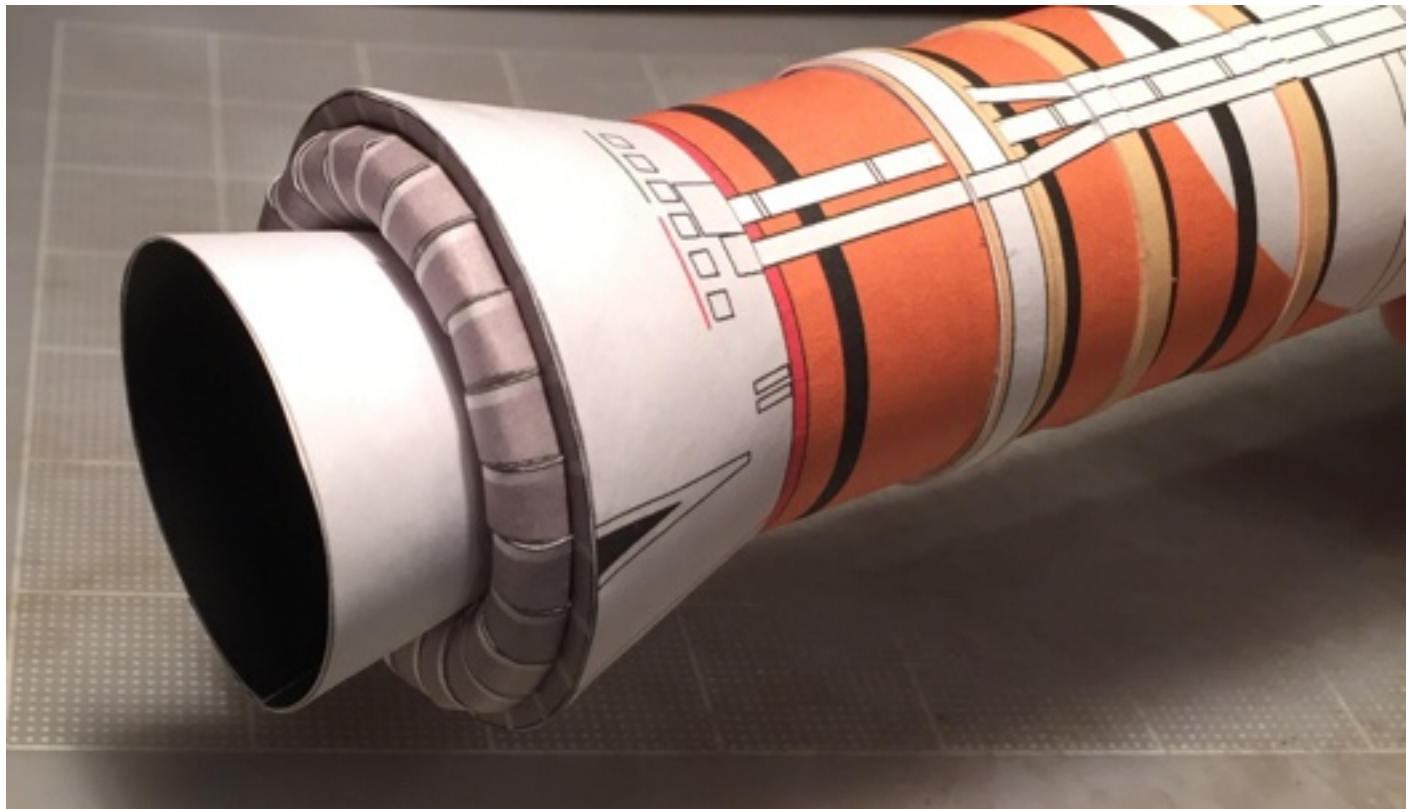


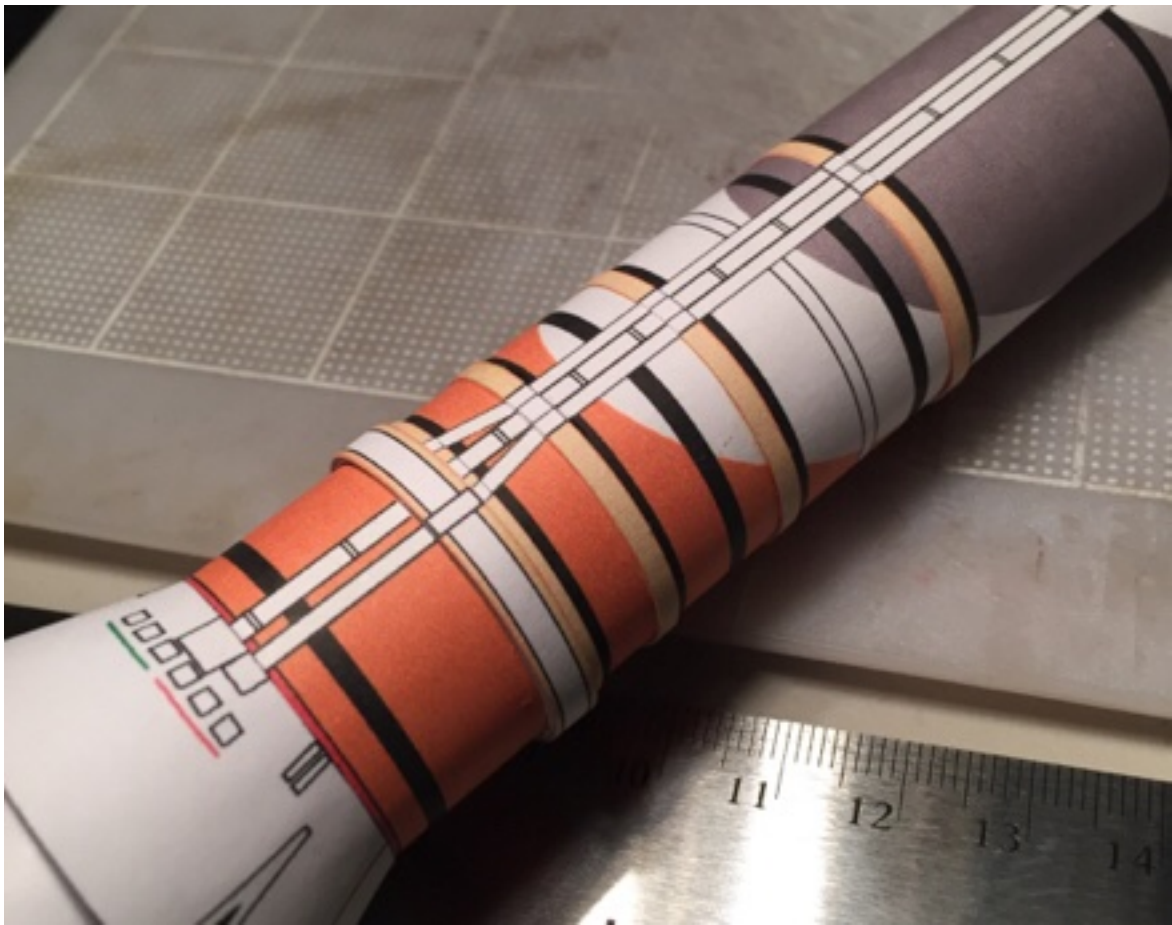
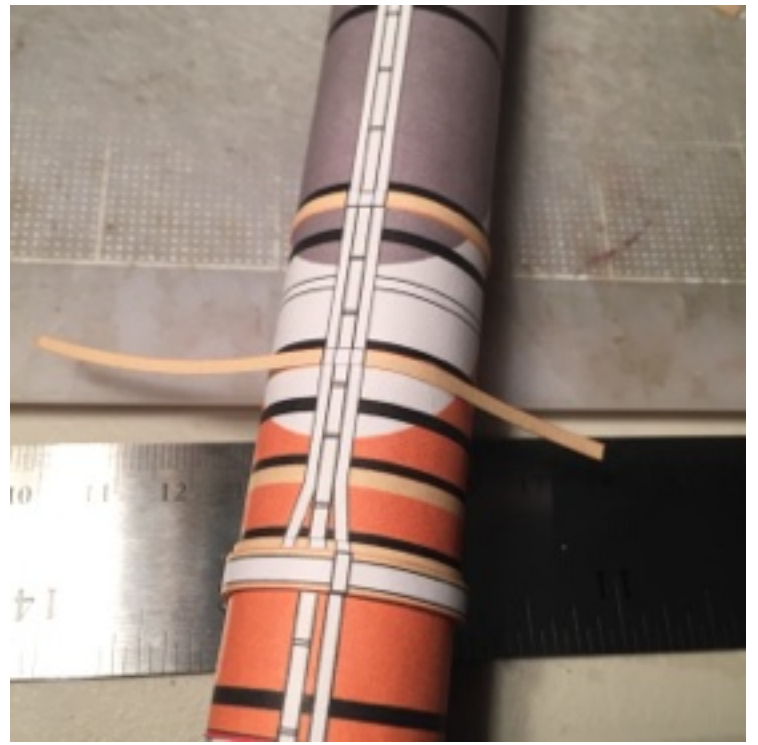
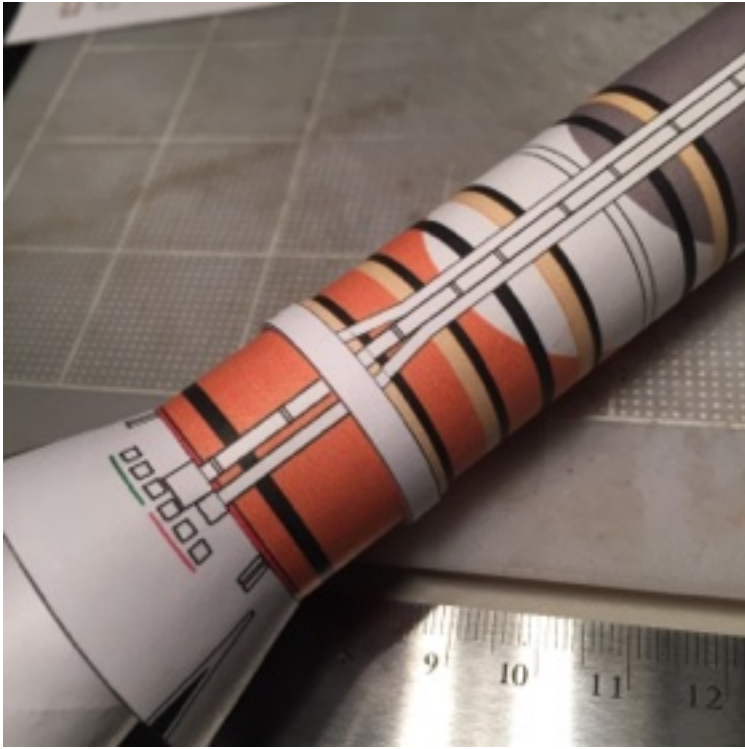


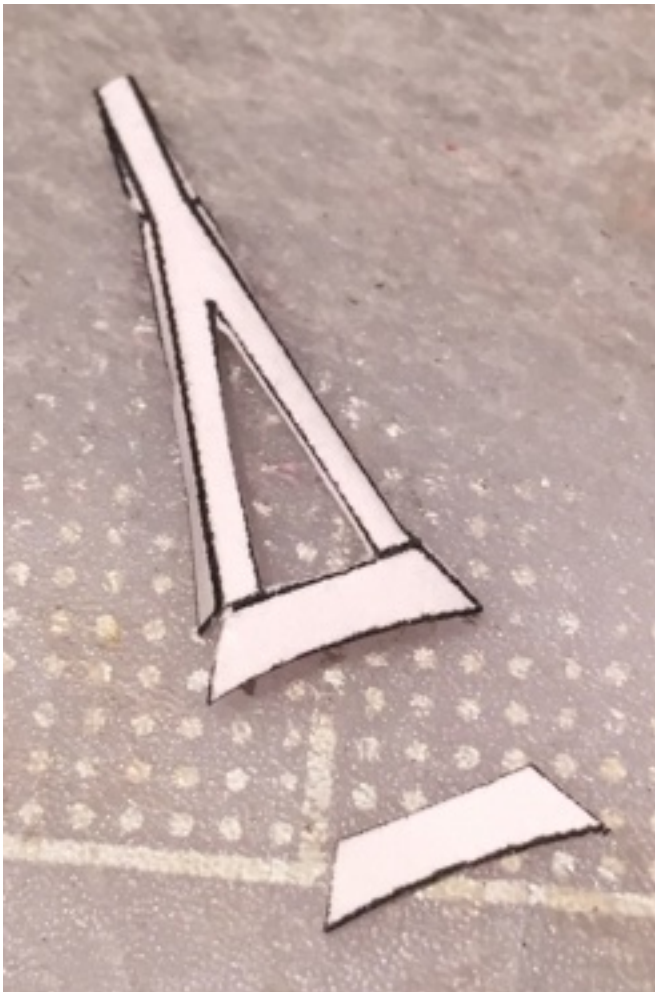
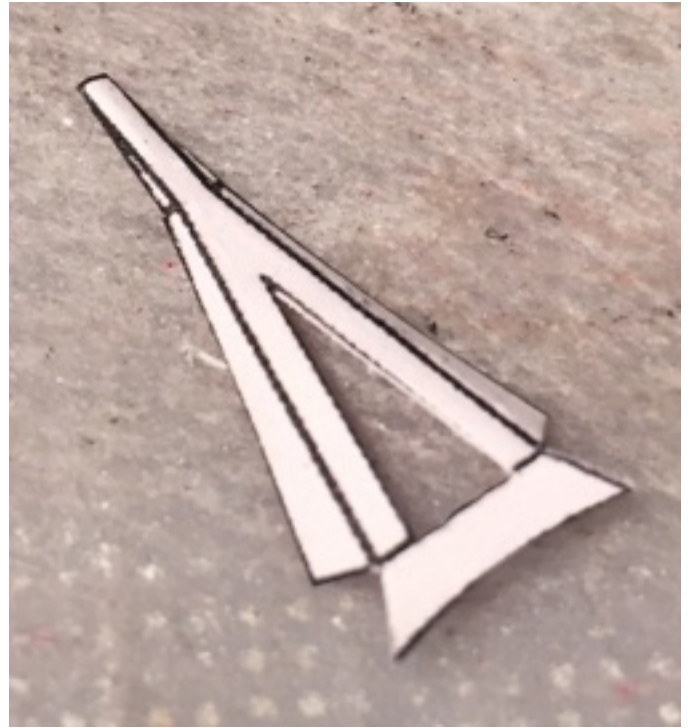
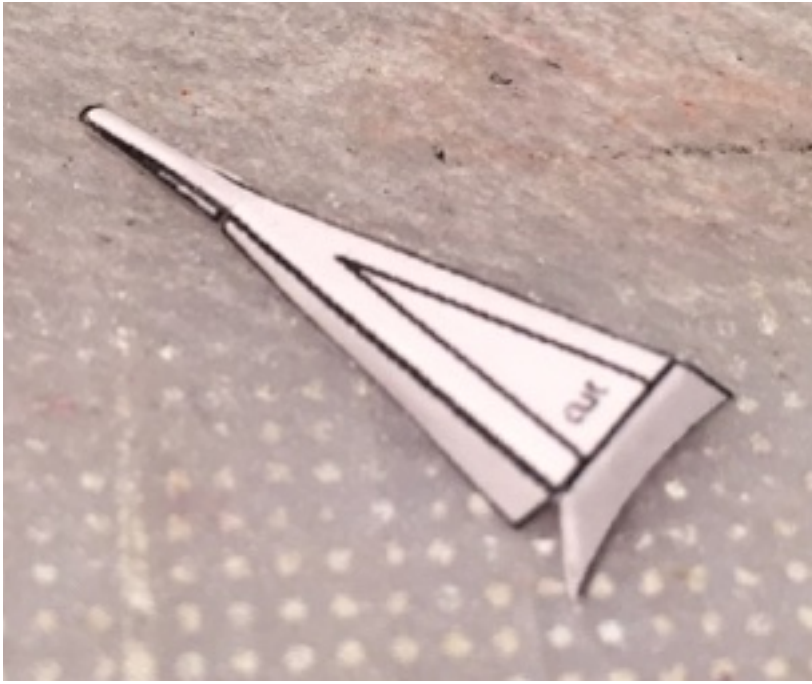




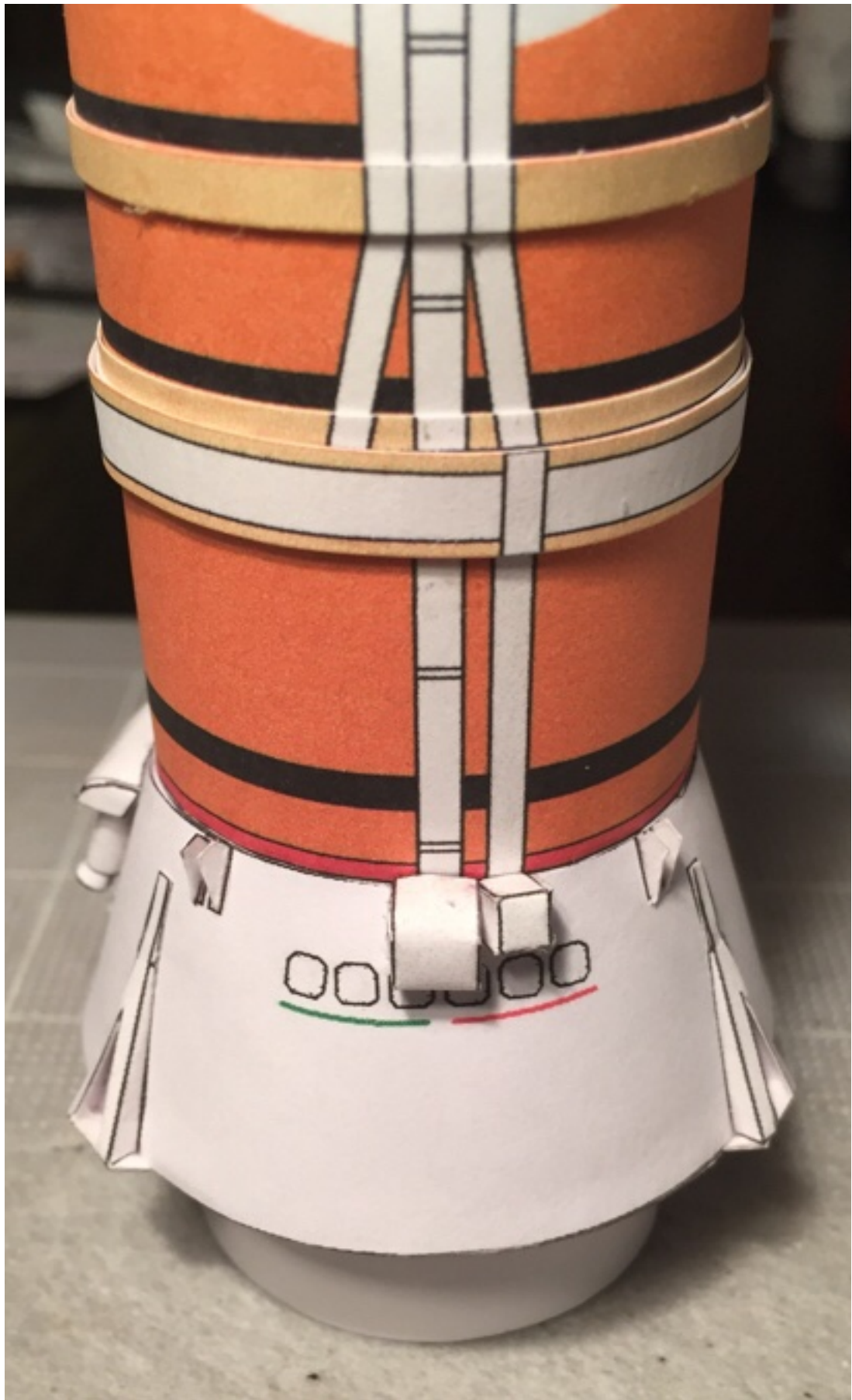


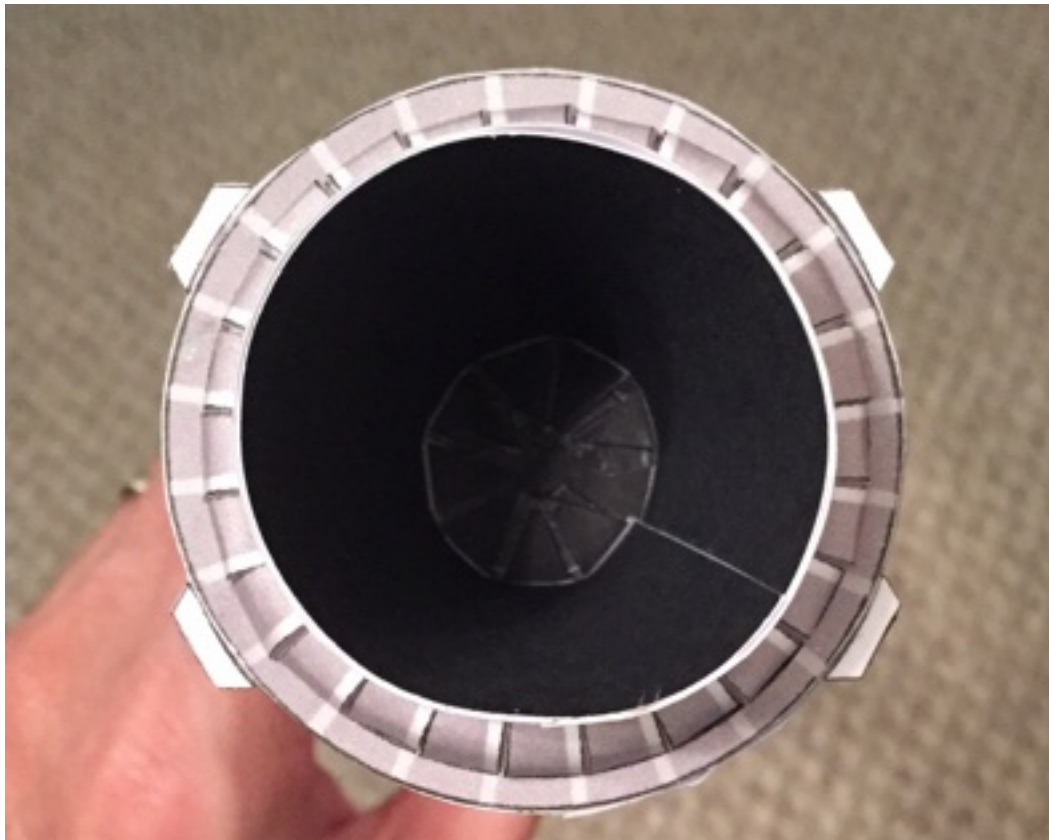
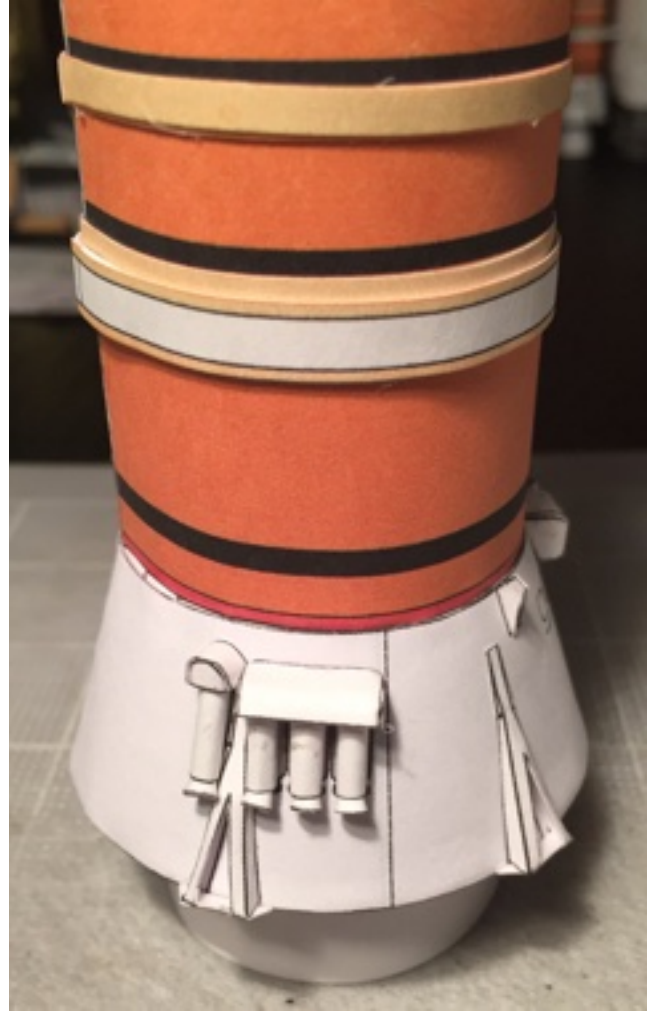
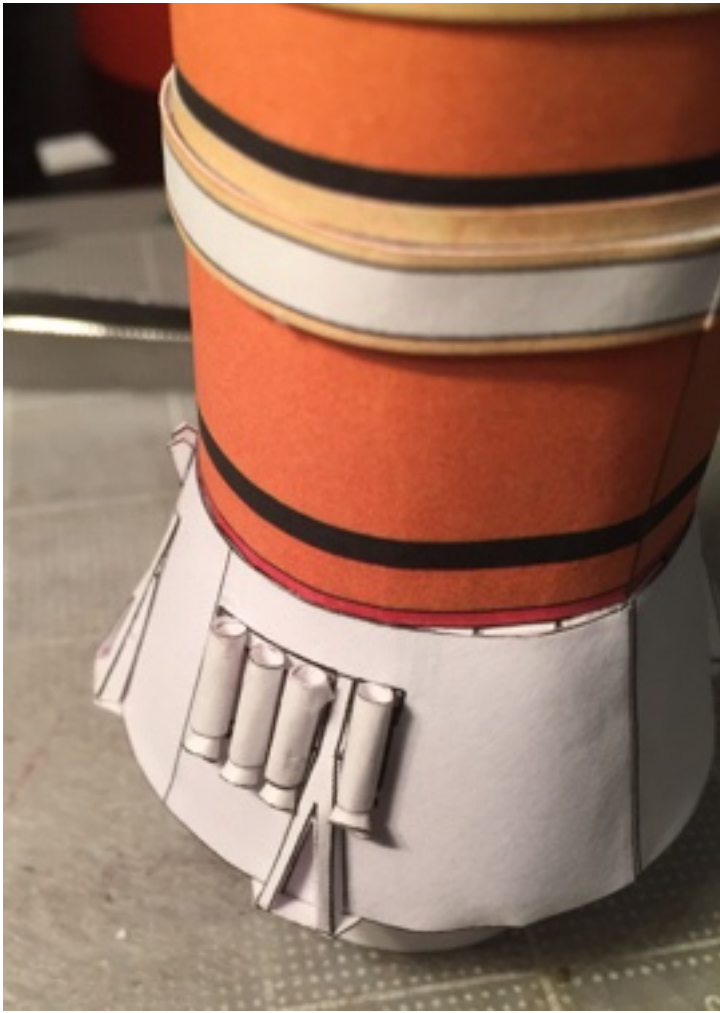




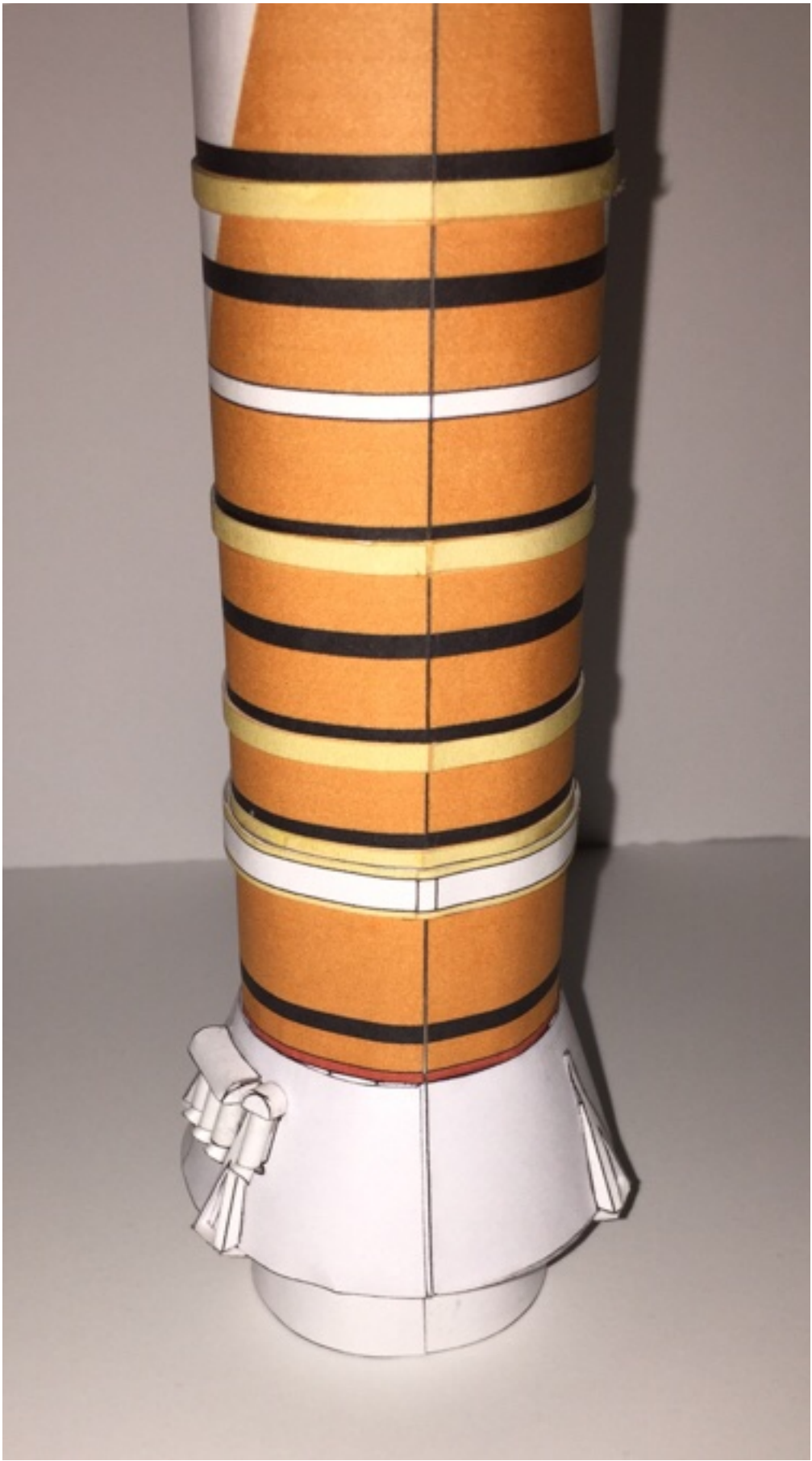


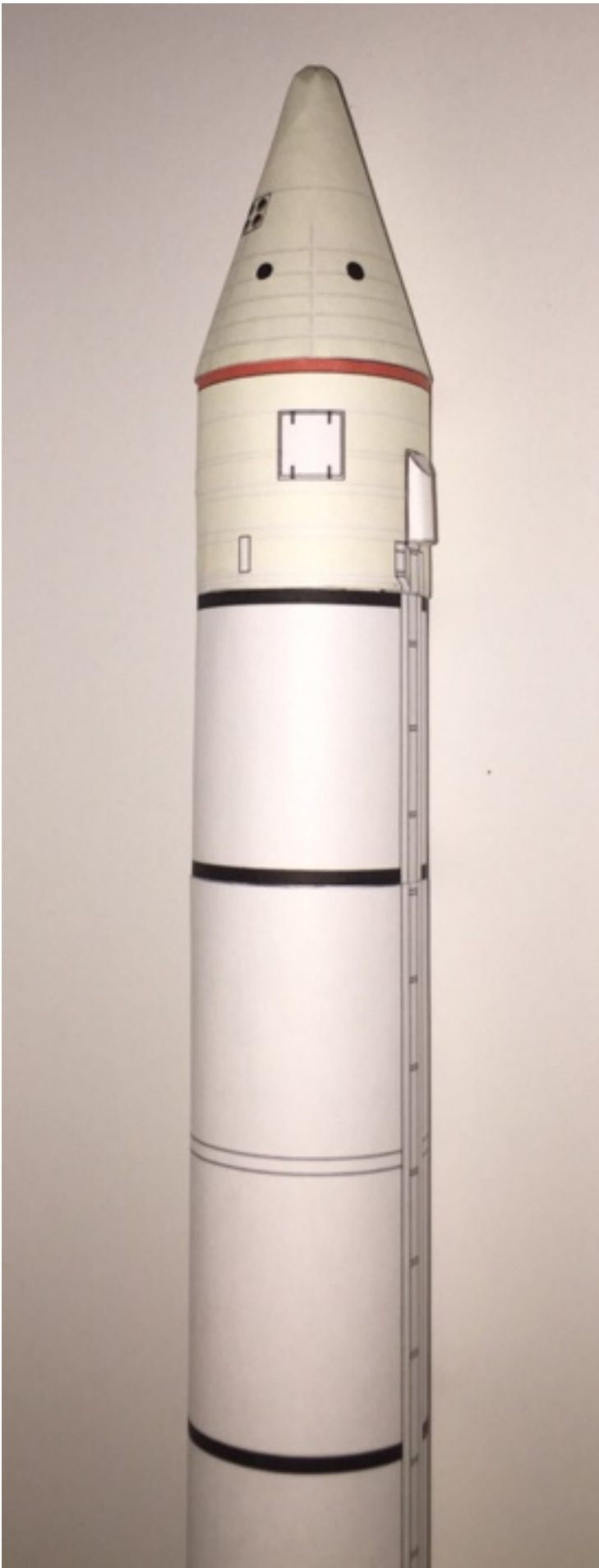


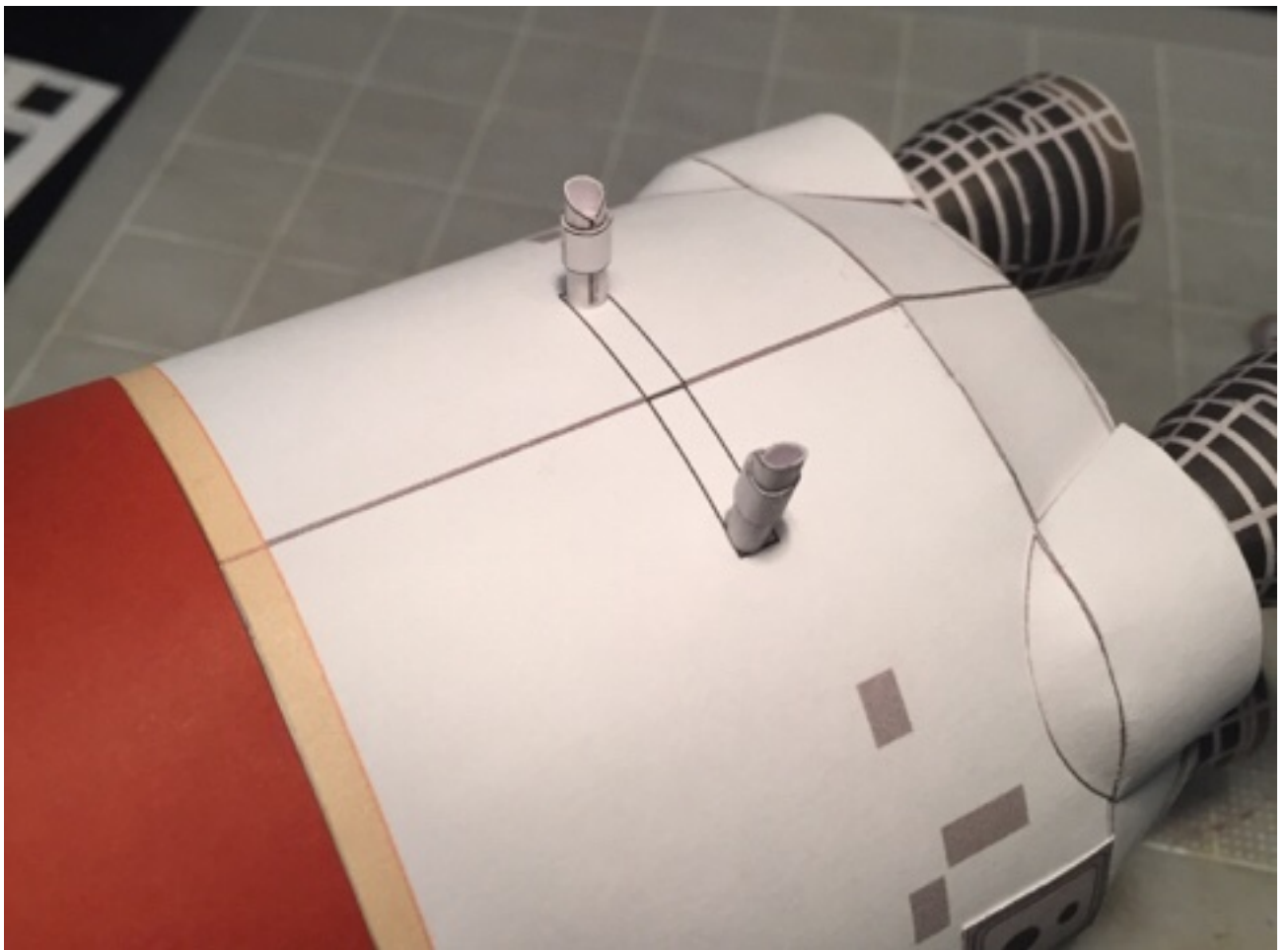
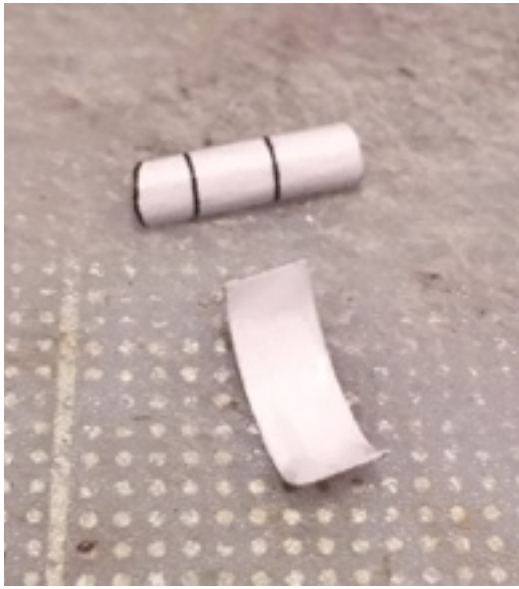


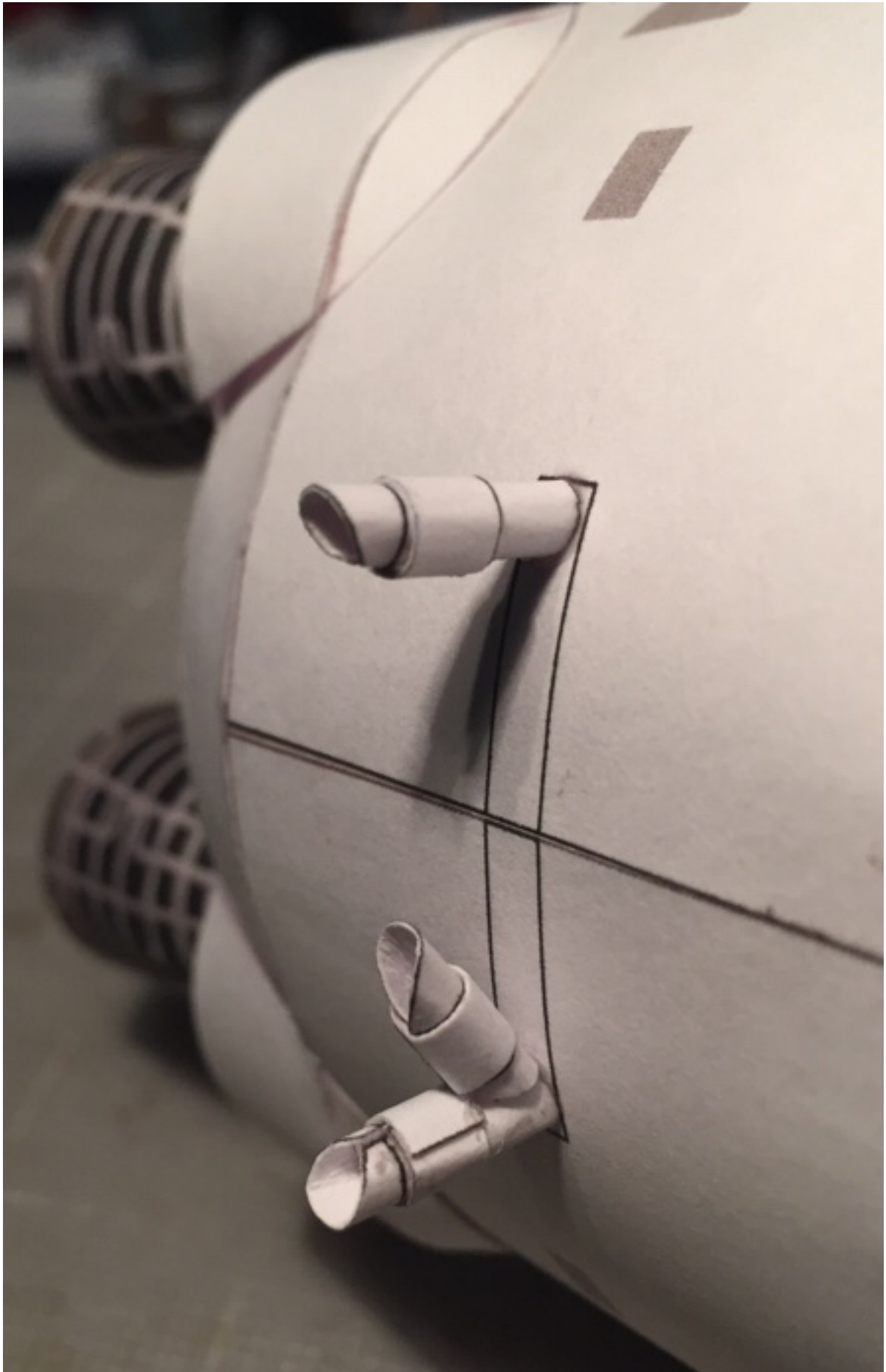


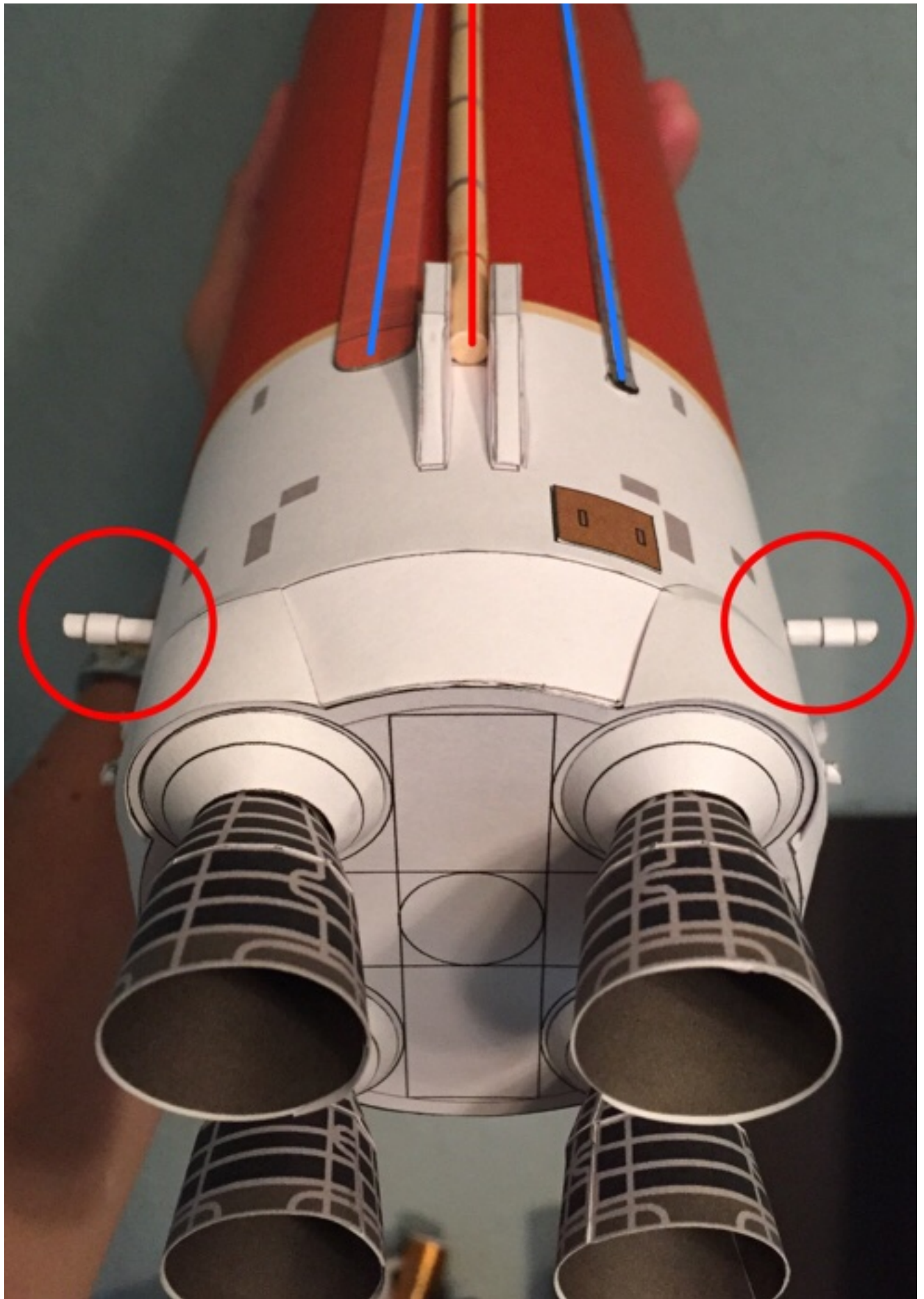


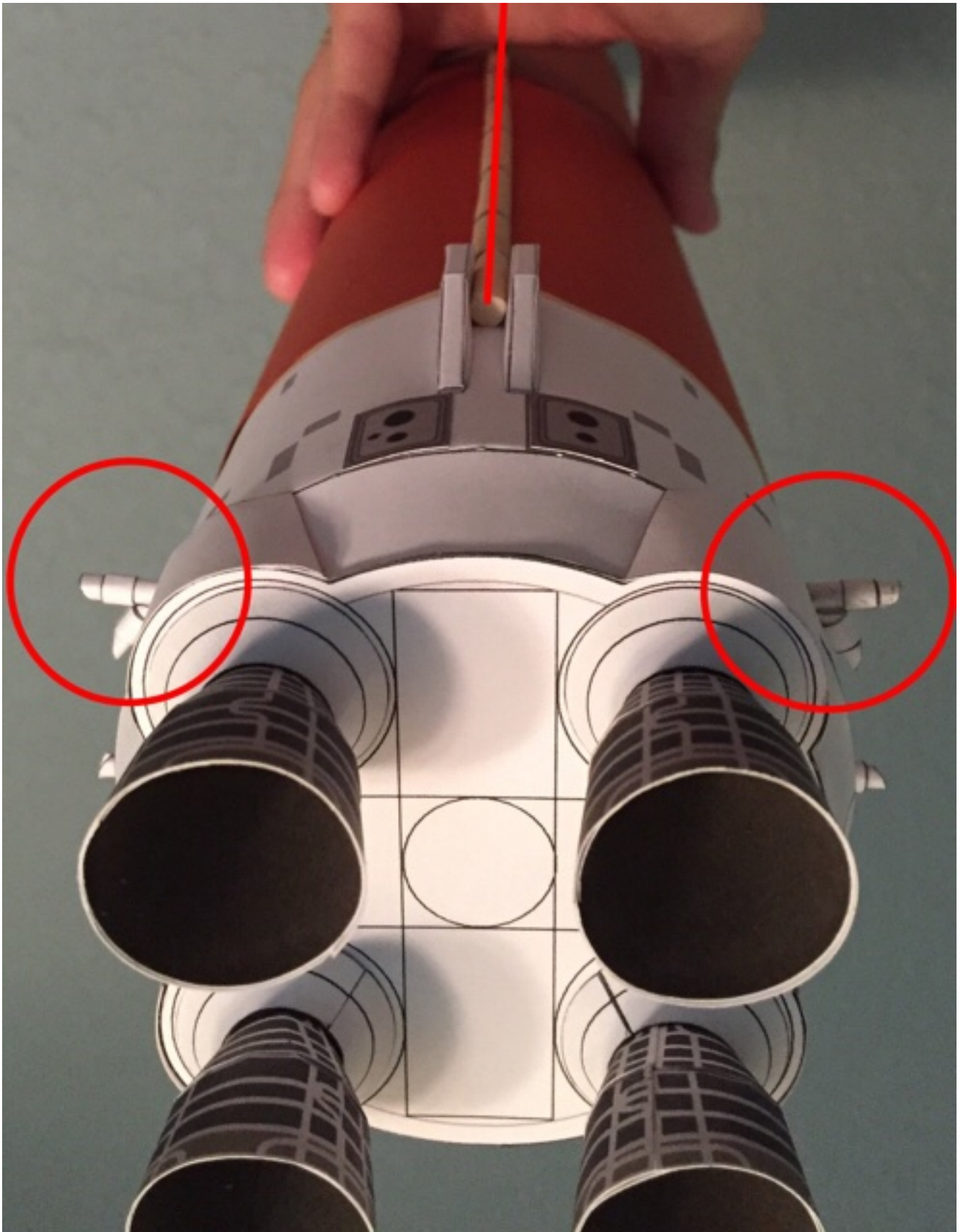


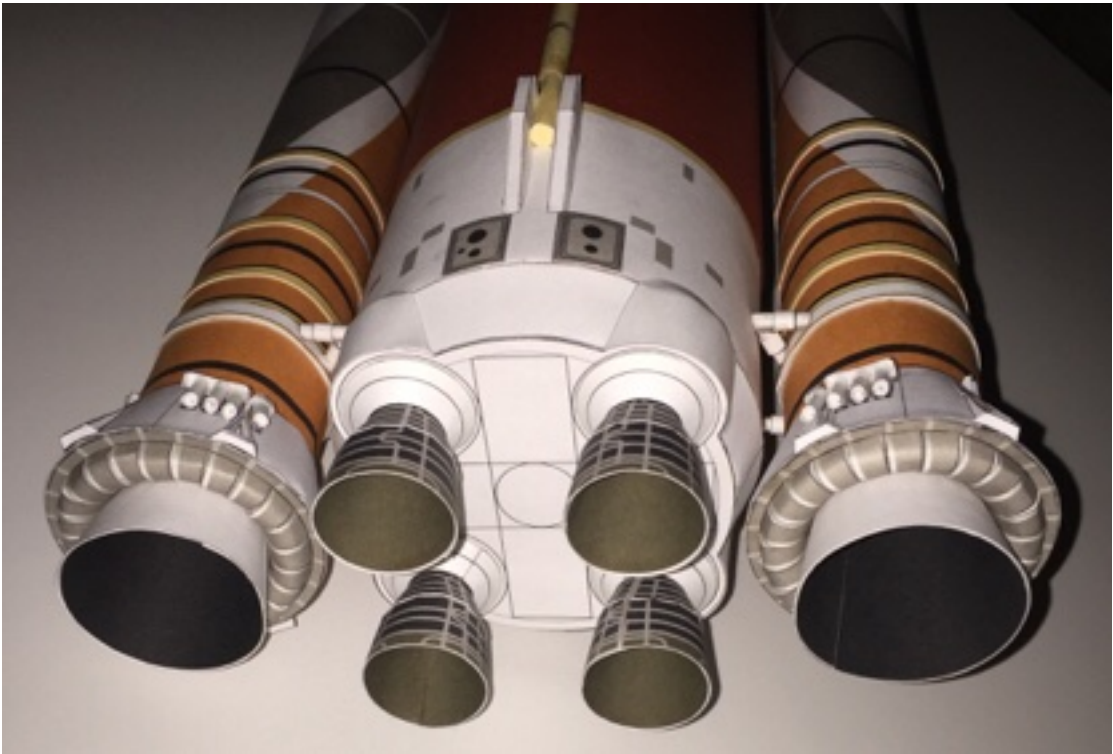
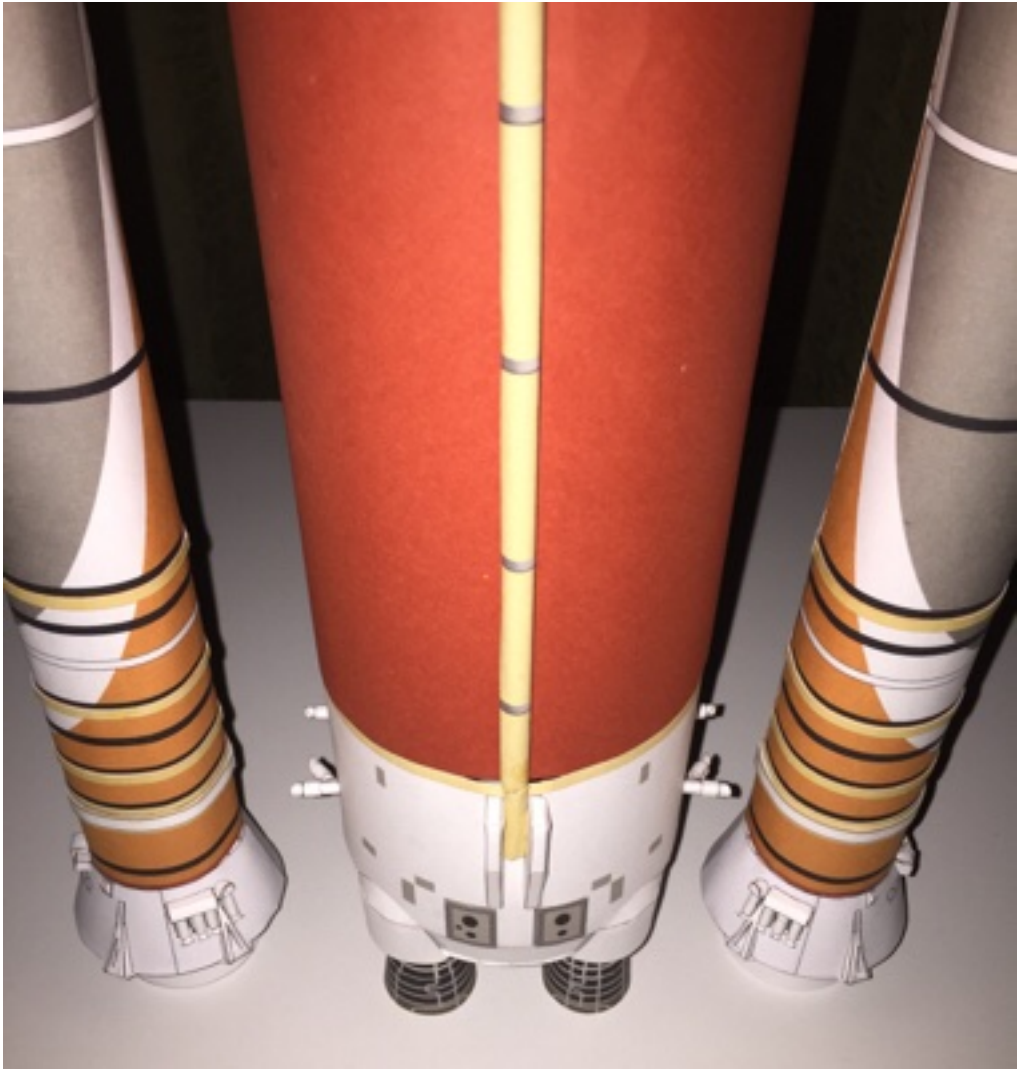


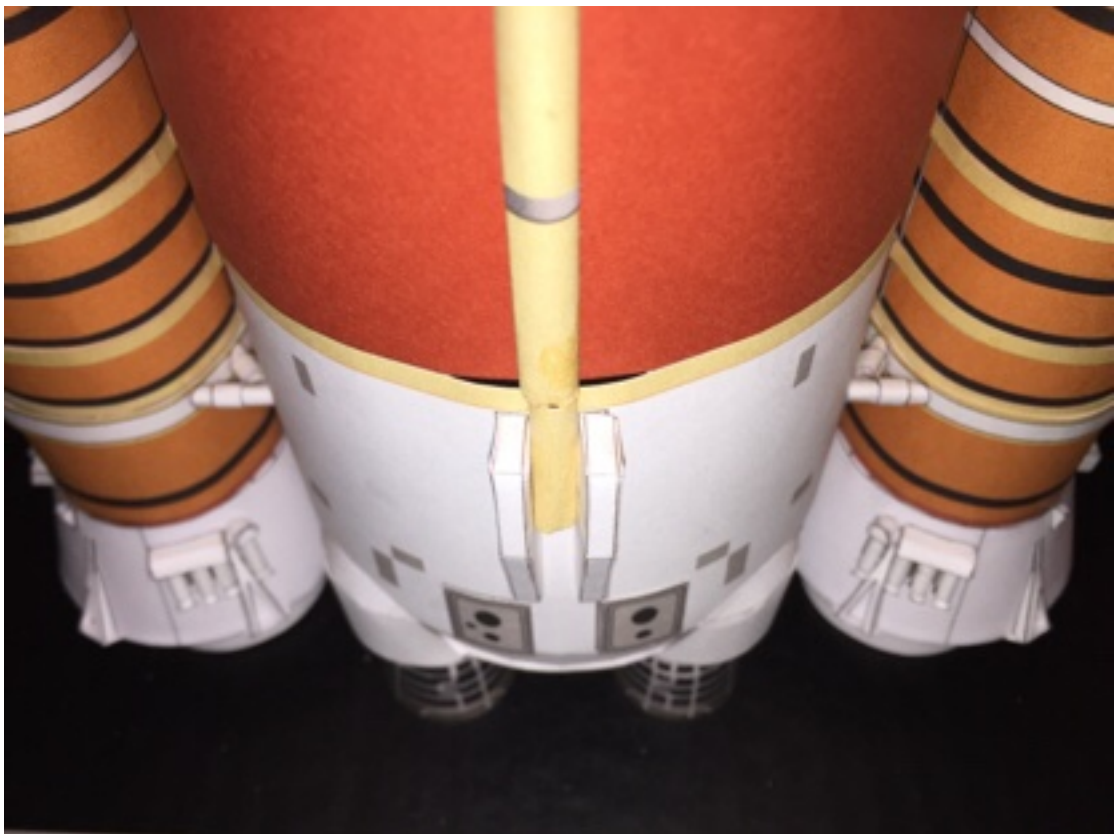




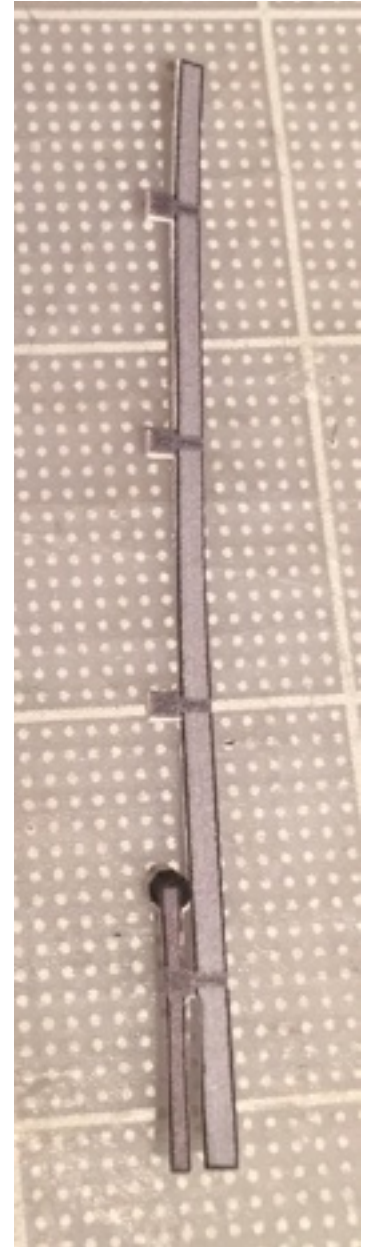
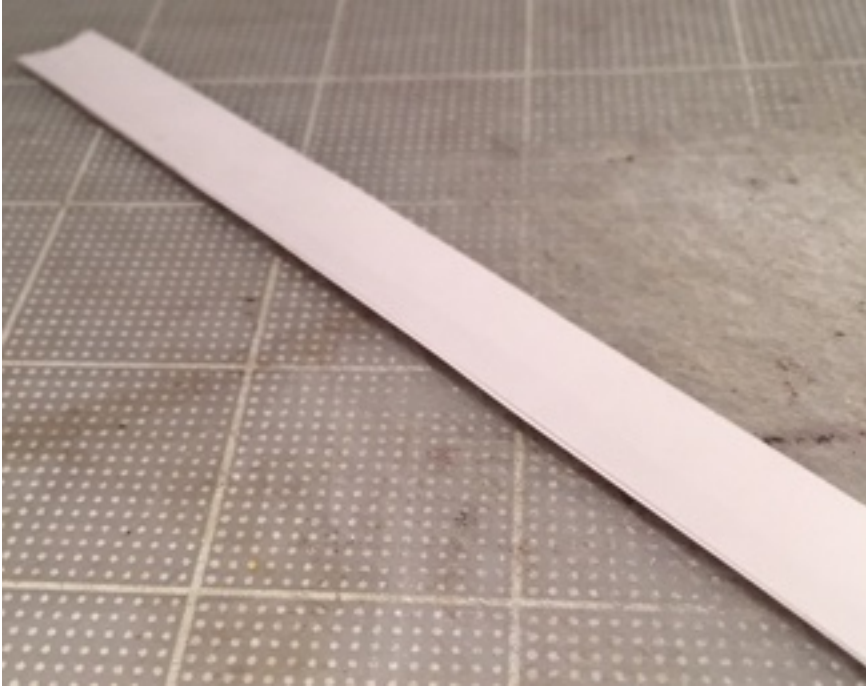






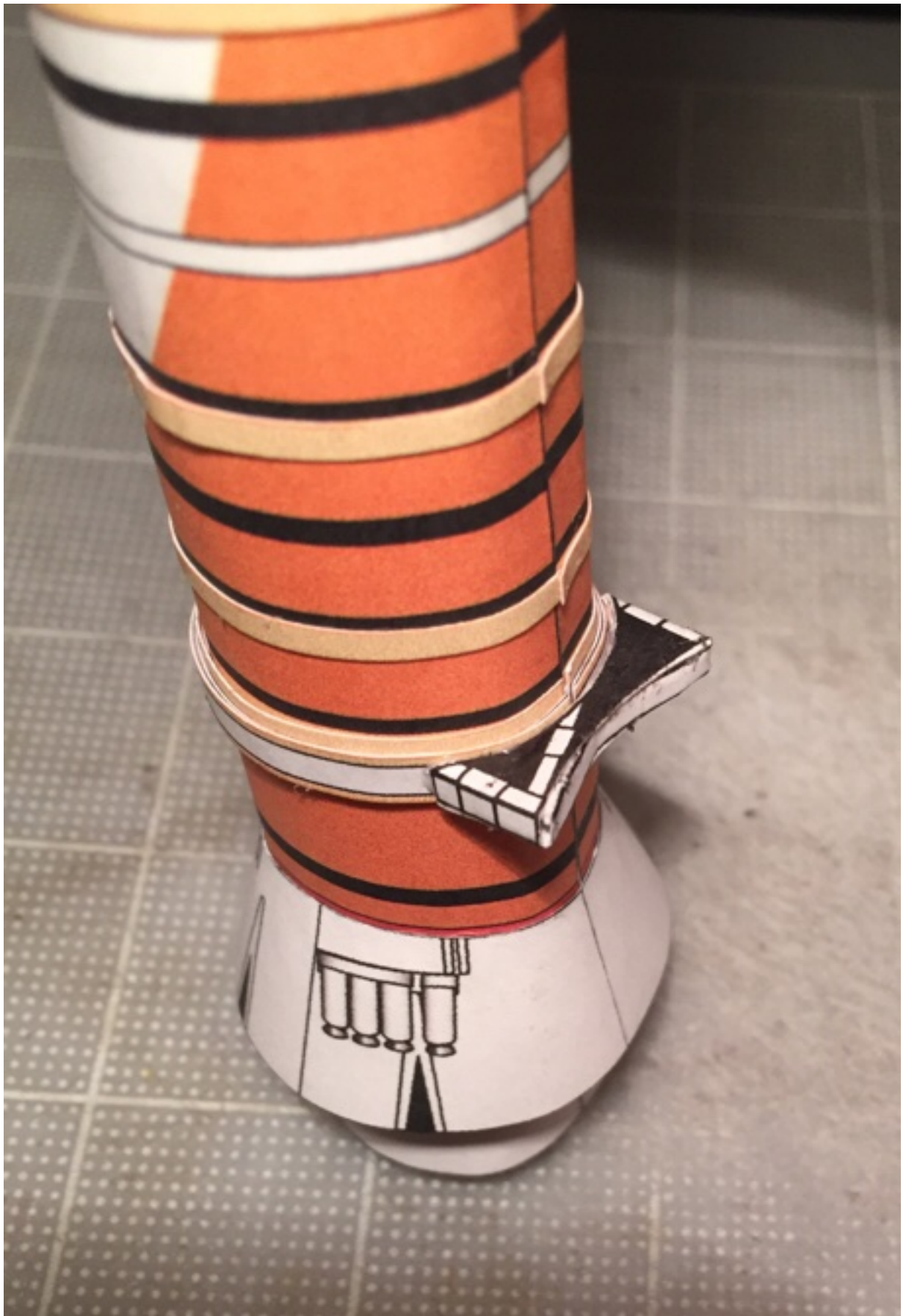


Extra photos



1:144 only





The assembly steps to make the top portion of the rocket are simplified for the 1:144 scale.

The 1:96 version will be fully detailed and includes the Launch Abort System, Second stage and Orion, like on the Orion EFT-1 assembly instruction.

Check for the Delta IV EFT-1 model on my website to get the manual.



