

This kit holds all the parts from srbstack1A.pdf by Alfonso X Moreno as downloadable from his site at <https://www.axmpaperspacescalemodels.com/>

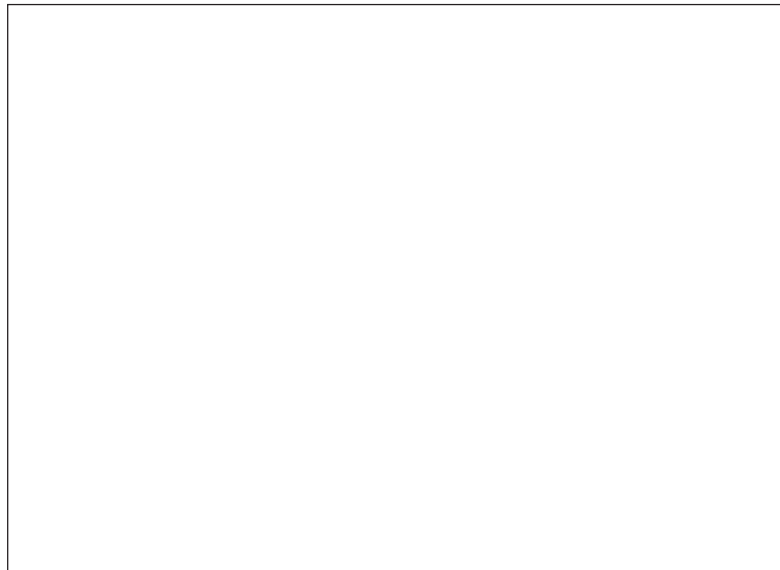
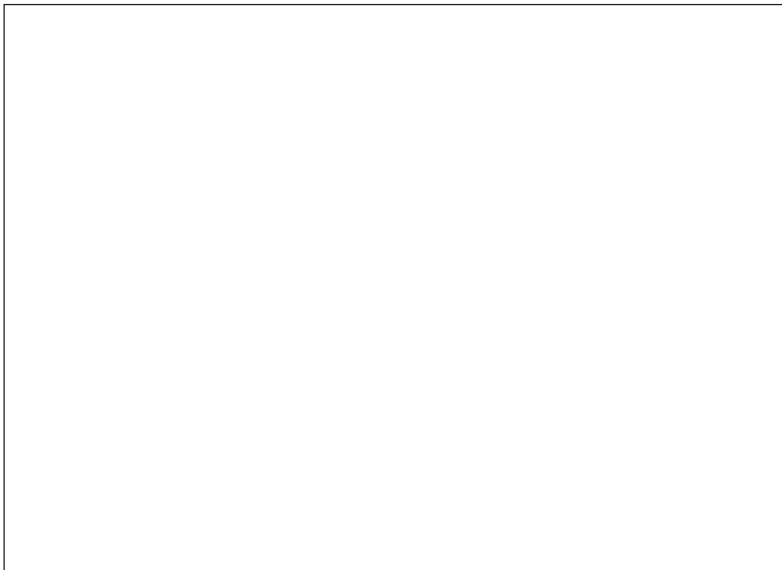
To make his pattern compatible with my rocket garden I have rescaled all parts by 150% to go from 1:144 scale to 1:96 scale. I have then rearranged them on A4 paper.

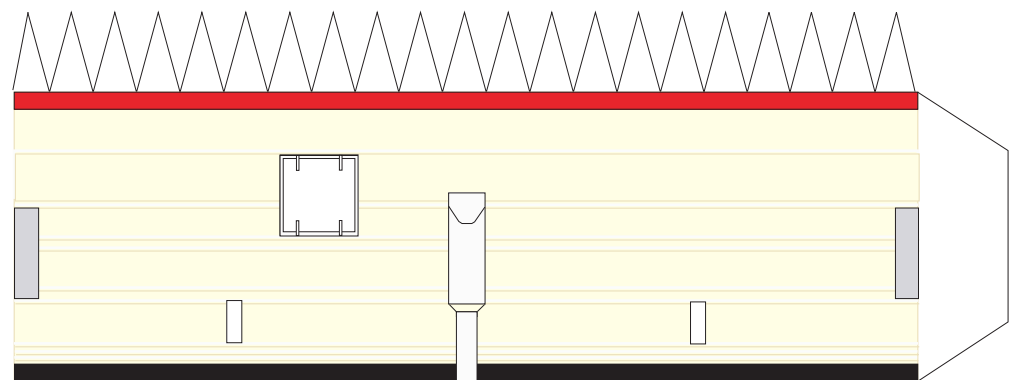
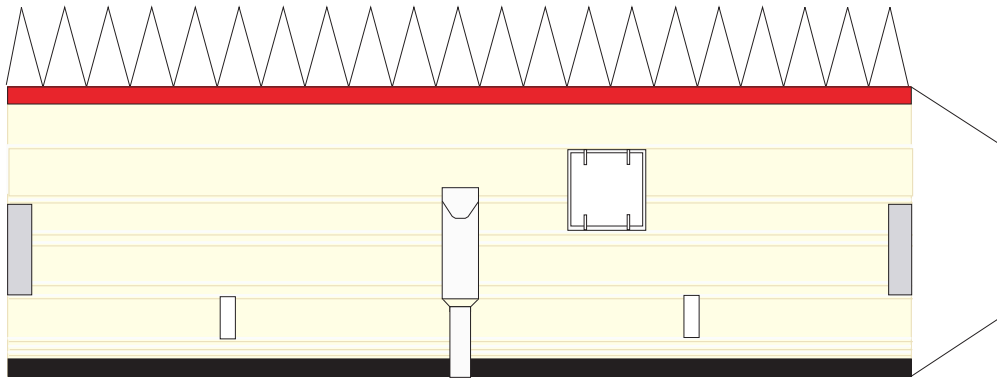
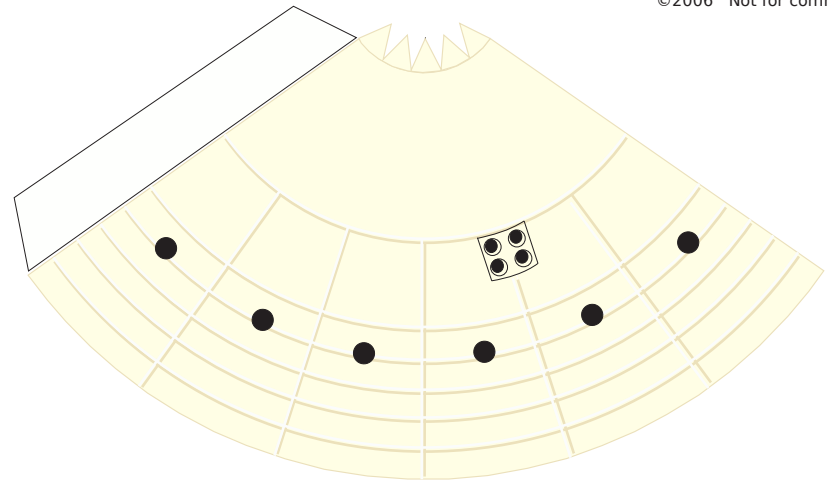
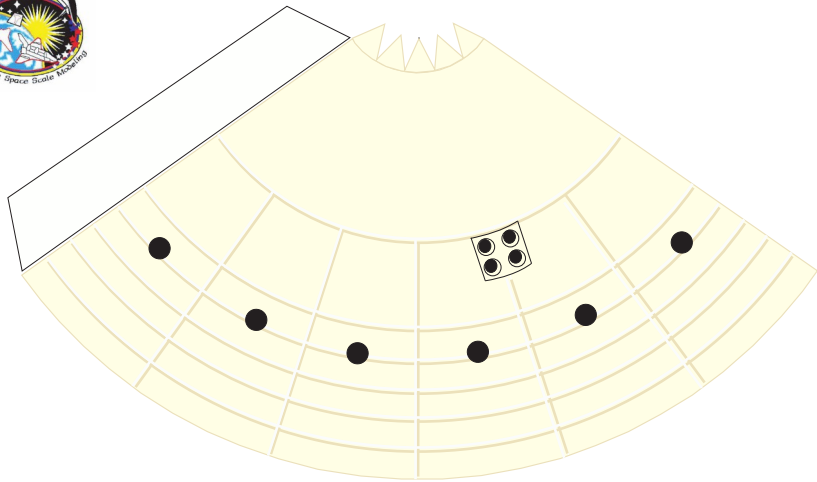
The biggest parts of the booster skins have been split in two and will need a new tab to recombine.

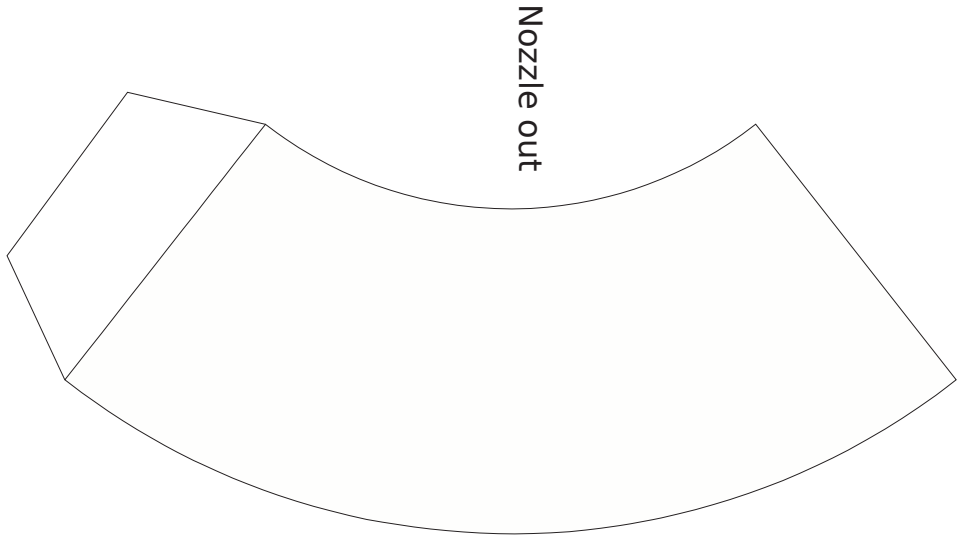
If you plan to build this yourself please reference the original pattern and instructions and use your brain.

All original work is Alfonso's, all errors are mine.

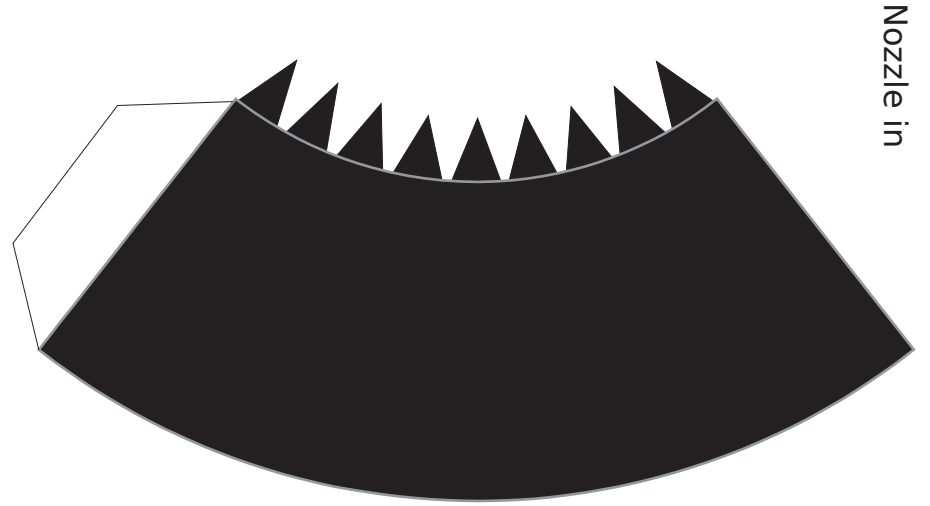
Marian Aldenhövel (marian.aldenhoevel@marian-aldenhoevel.de)



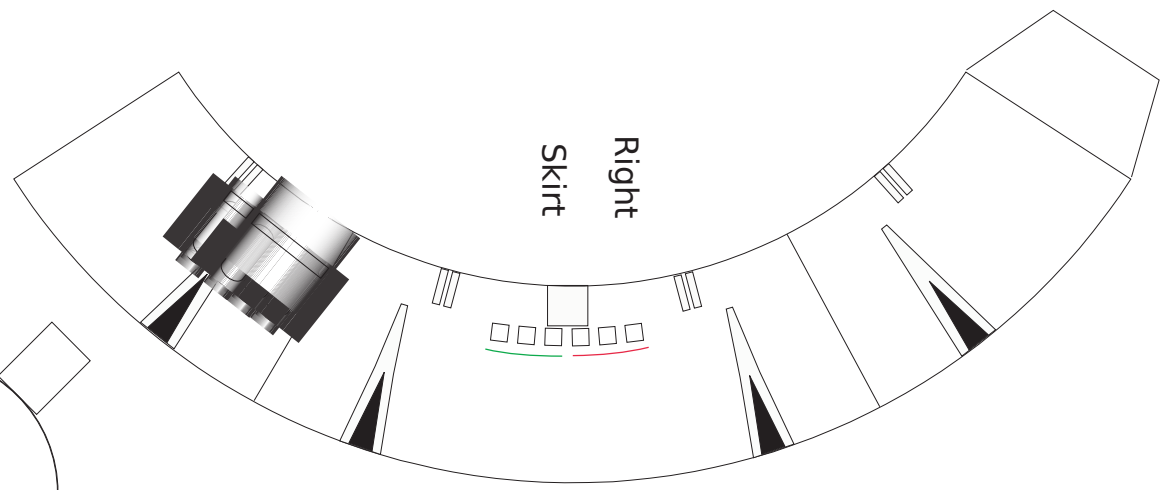




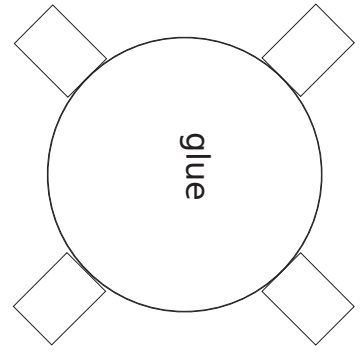
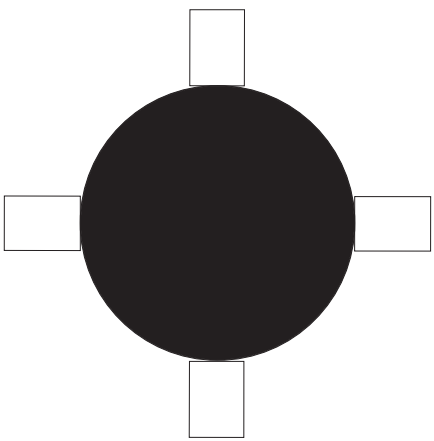
Nozzle out



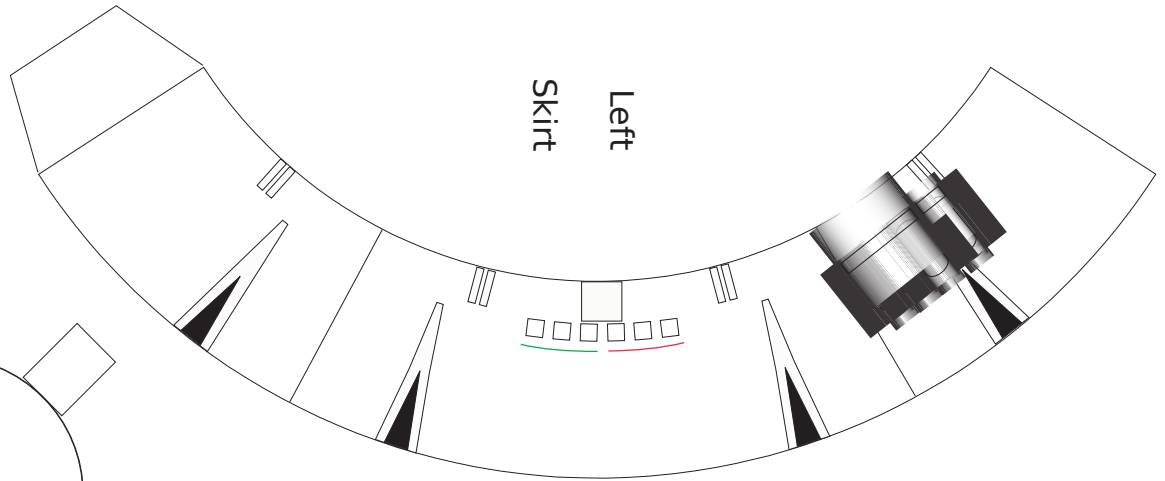
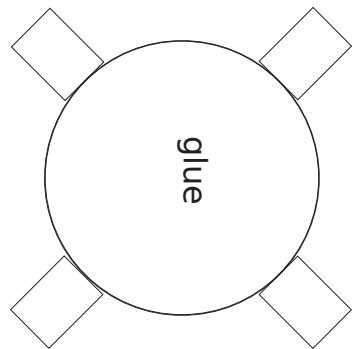
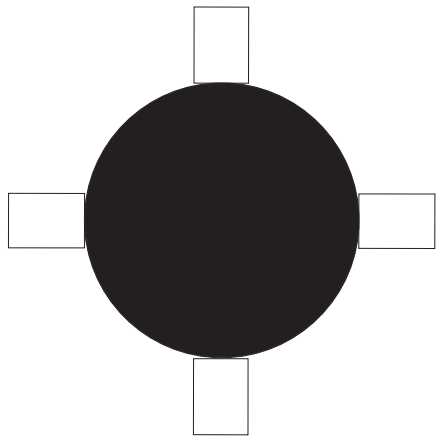
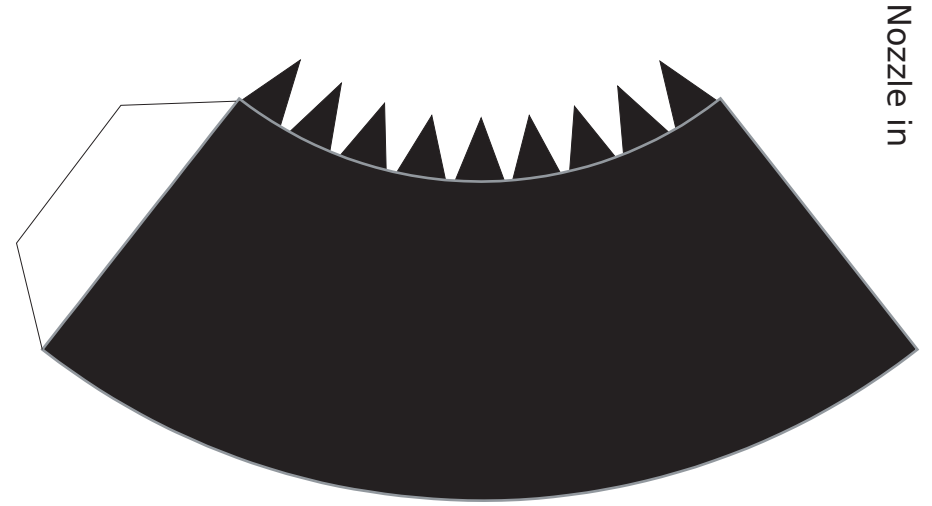
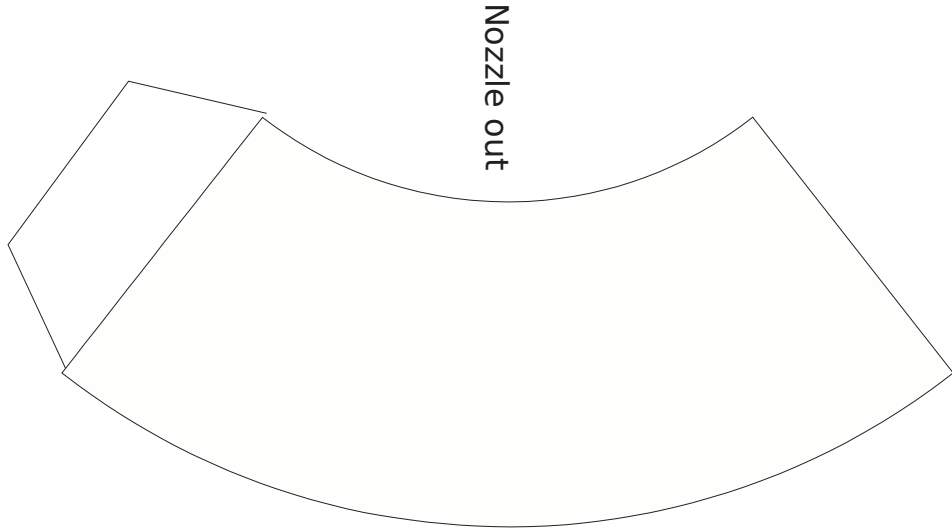
Nozzle in



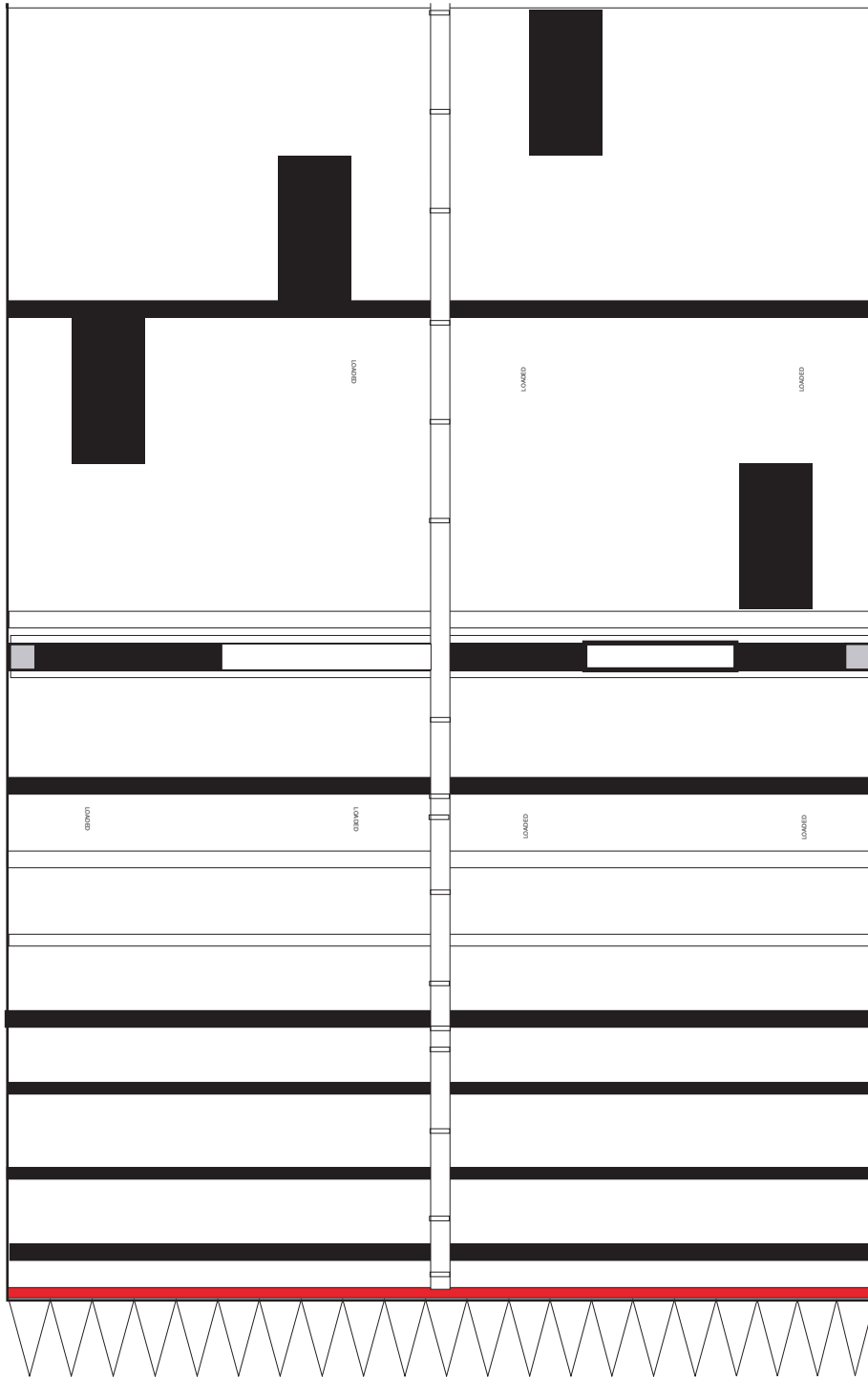
Right Skirt



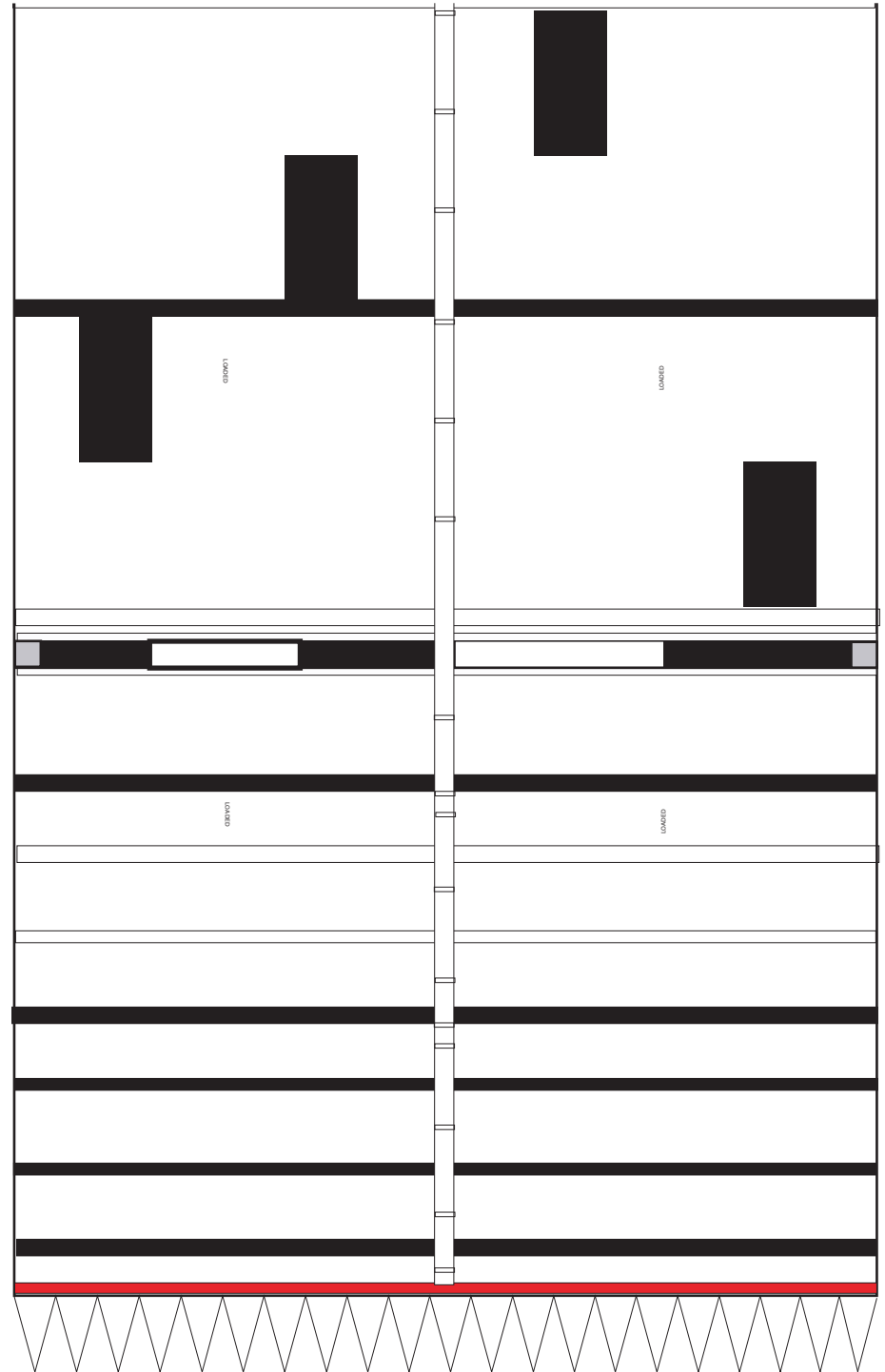
glue



Left SRB



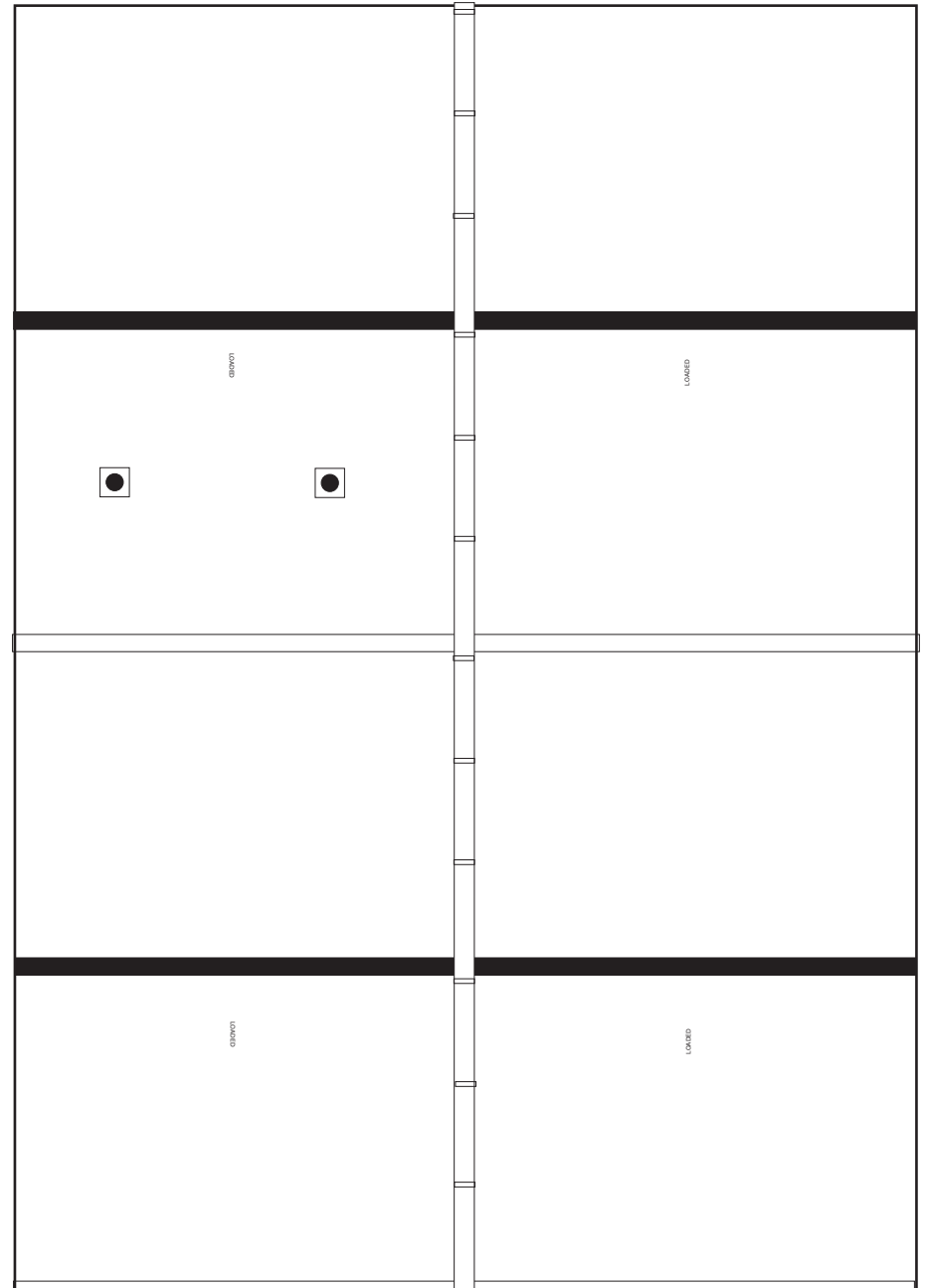
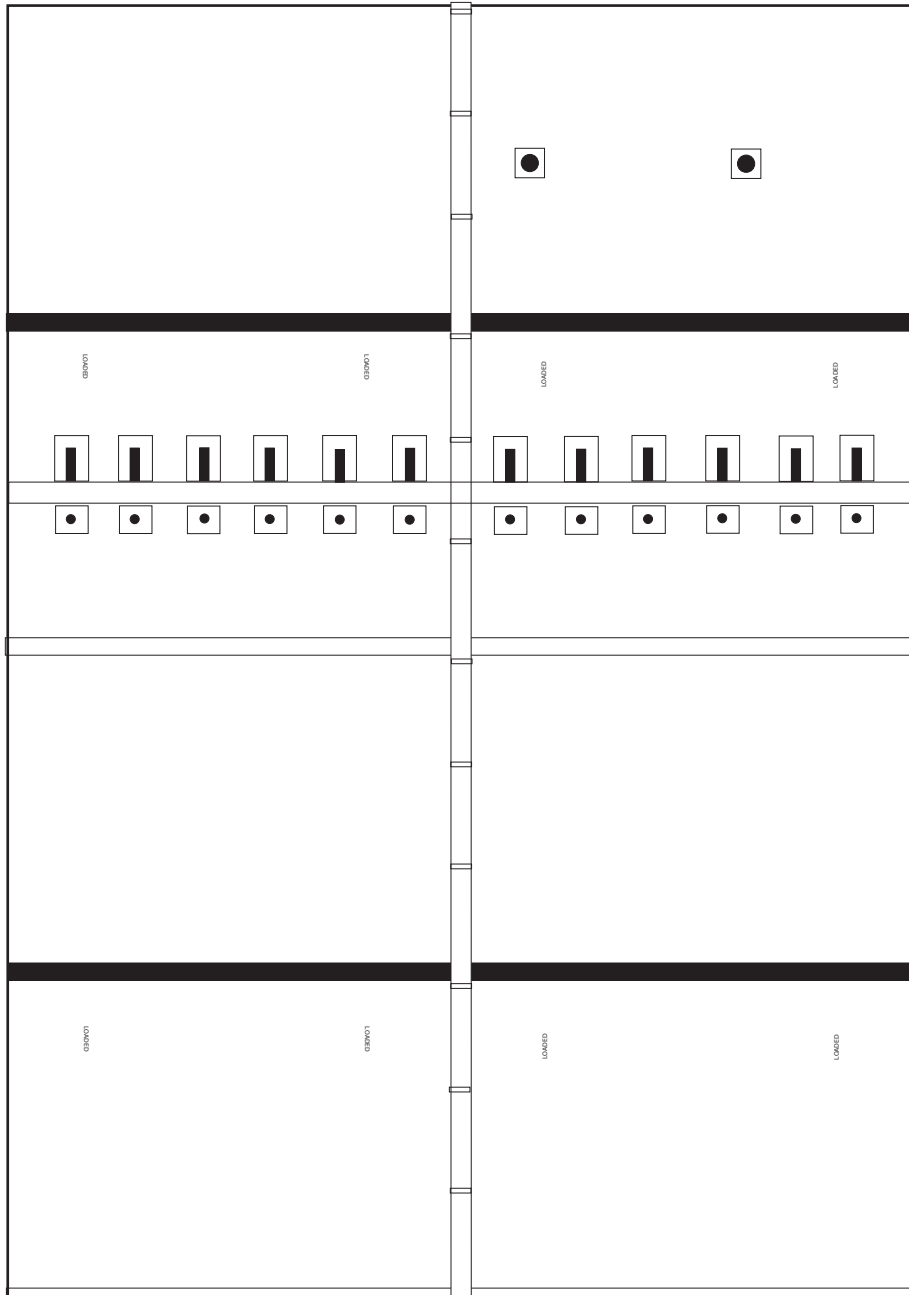
Right SRB





Left SRB

Right SRB



Marians notes:

I opened Alfonsos srbstack1A.pdf in LibreOffice draw. For each page I selected all the parts and scaled them by 150%. Most parts fit OK, those that didn't I rearranged around adding pages where required.

The main SRB skins from the original page 3 do not fit A4 paper in the new scale. I cut them apart roughly near half-height.

I started by building three tubular sections for each SRB using the skin parts from my page 3,6 and 7 respectively. I did not bother with the original tabs and ignored them. I used parts from the same cardboard used for the skin to fabricate new tabs for closing the tubes ad-hoc from the card stock I cut the skin panels from.

For each tube segment I added formers to taste. The formers from the kit as upscaled were too small for my build, that may be an issue of paper-thickness and is also somewhat expected in upscaling. I just eyeballed them oversize when cutting them out and then sanded them to size. I have added copious numbers of such formers as page 8. I ended up using one on each end offset into the tube by an arbitrary amount.

To join the tubes I glued in more tabs made from scrap paper. I first made short tubes and then joined the three parts of each SRB into one and made sure that they looked reasonably straight.

For the nosecones I rolled a bit of tissue paper into a ball of approximately the correct radius and glued that into the nose folding the petals around it to close up.