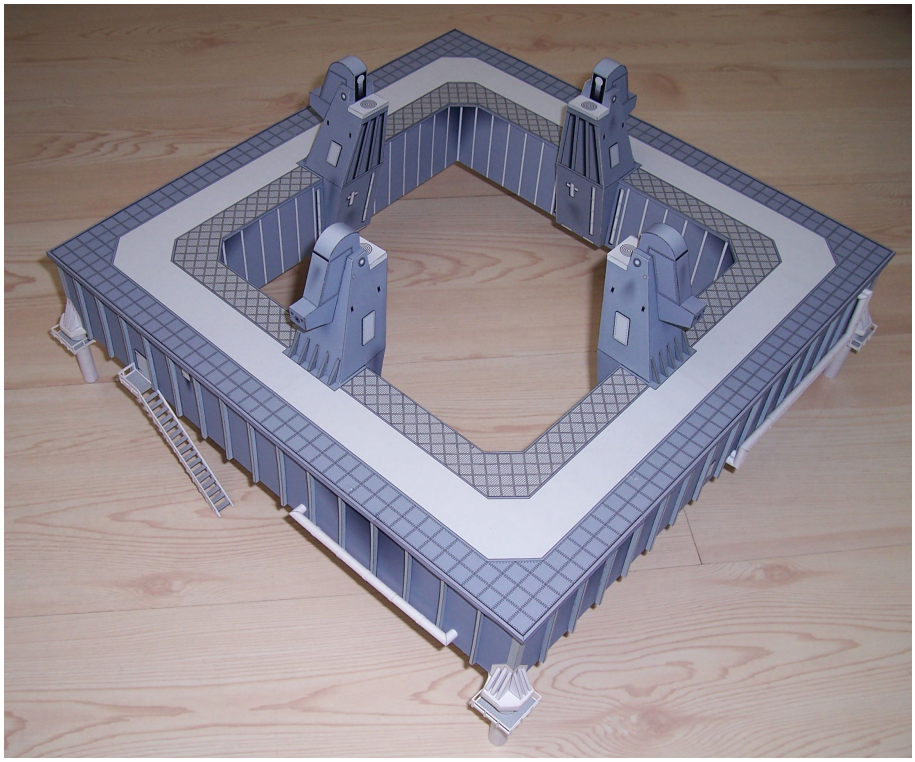
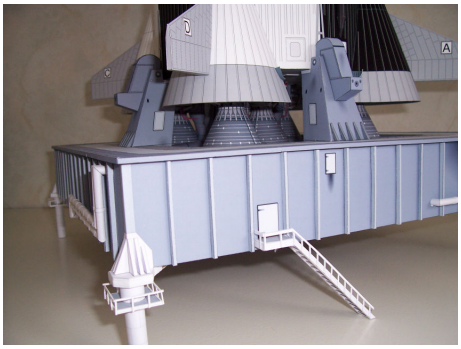
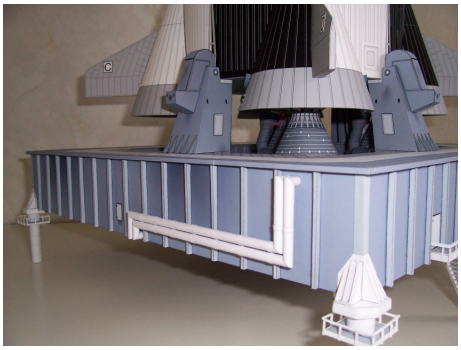






Instructions Saturn V base

This is the fourth part of what has to become a 1 : 48 scale Apollo / Saturn V model.

This is a simplified launch pad and is NOT build to scale (it would become to large) but the Saturn V rocket does fit fine to it.

Please keep in mind that this model is by no means a “replica”, it is just build because I like to look at pictures of the real thing and to find out what is possible to “transfer” into paper.

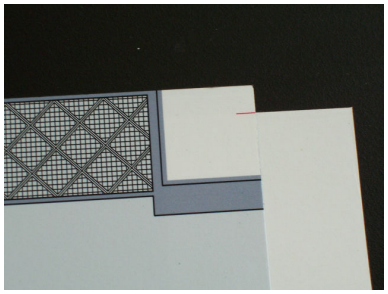
Print out the part sheets on 8.5"x11" or A4 size white paper card stock.

Have fun with this model, I know I did.

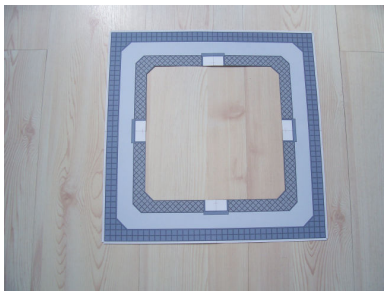
Greelt A. Peterusma

For any comments, suggestions, pictures of your builds or nice words you can contact me at:

saturn5@chello.nl

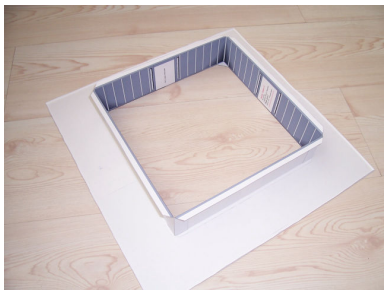


Cut out parts #1 (4 of them), glue tabs #2 on each of them, making sure the tab is lined up with the red mark.



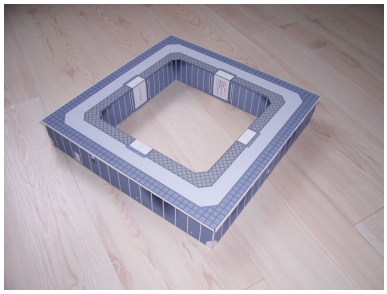
Glue the four parts #1 together as shown.

Glue the four parts #3 together with tabs #4.



Glue the parts to the backside of parts #1 with the small tab on parts #3.

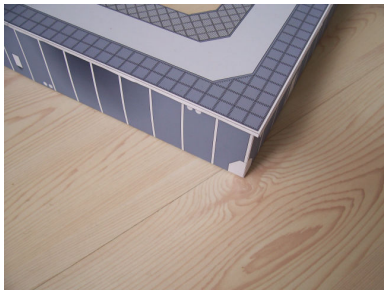
Glue parts #5 between tabs #2, trim if needed.
(These parts are needed to level the top of the base.)

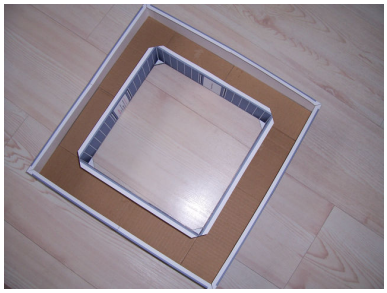


Glue parts #6 and #7 together with tab #8 (this has to be don twice).
Glue parts #9 and #10 together with tab #11 (also two times).

Glue the completed parts to the platform, using tab #12 on the inside of the corners.

Please note that the parts #6 and #7 should be opposite of parts #9 and #10.





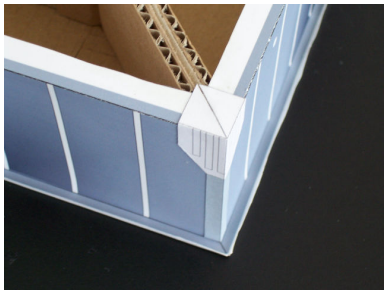
Now we have to cover the inside with cardboard.
You're a bit on your own here. Use whatever cardboard you have available.

I did use a double layer of corrugated cardboard, glued together at 90 degrees to obtain maximum strength.

Just some pictures to show how I went along, but as before you can use any cardboard you have available.

Strengthen the corners ……..

…. and the middle part, to support the hold down arms.



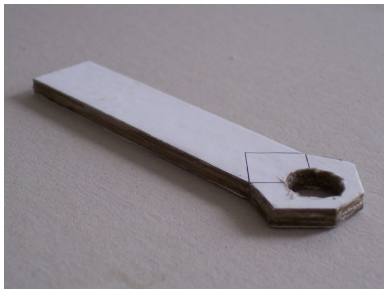
Glue part #13 on the corners as indicated.

Lets make the legs now.

First, roll part #14 and glue it all the way to obtain maximum strength.

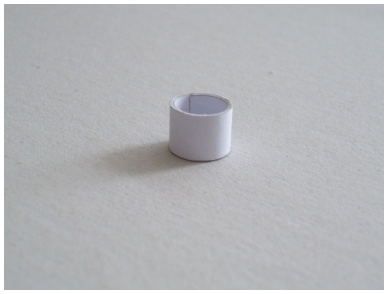
You should get the right diameter if using a 5 mm dowel.

The red line indicates the correct diameter, if you should end up with a somewhat smaller or larger diameter, you have to correct the holes in parts #15, #17 and #18

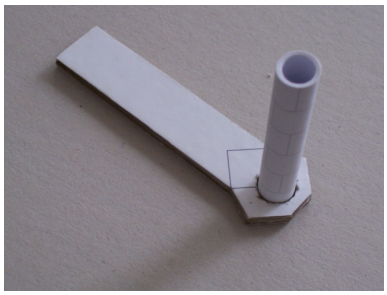


Glue parts #15 to 2 mm cardboard, cut the hole making sure part #14 fits tight.

Glue both parts together.

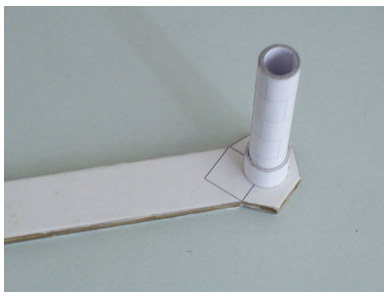


Roll part #16, using part #14 as a dowel.

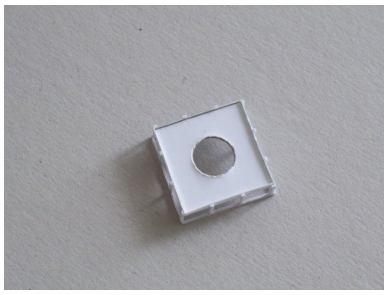


Glue part #14 in the hole of part #15.

Keep it at a 90-degree angle from all sides.

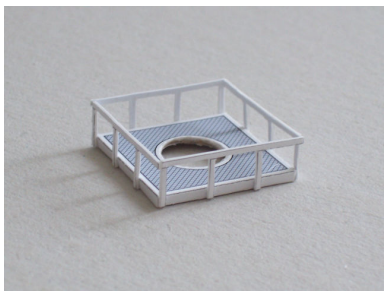


Glue part #16 to both part #14 and part #15.



Glue part #18 to thin cardboard, when dry glue part #18 to the underside of part #17.

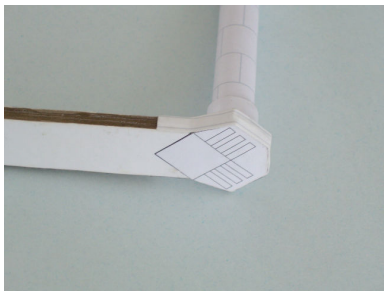
Make the holes according to the diameter of part #14.



Glue the railing part #19 to a piece of scrap paper of 220 – 240 grams.

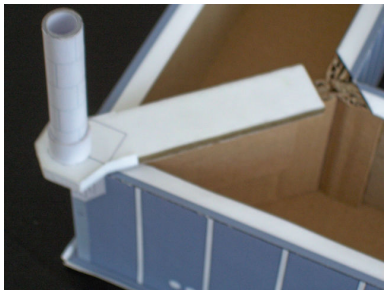
When completely dry, cut out the railings and glue them to part #17 as shown.

Set them aside for now.



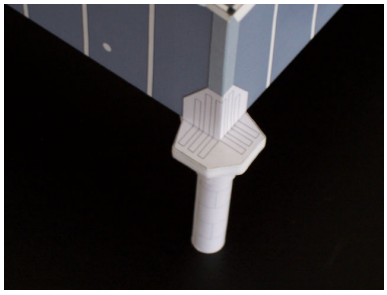
Glue part #20 to part #15 covering the hole.

Glue part #21 to the side of part #15 as shown on the picture.

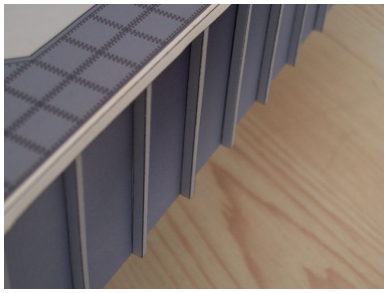


Glue the legs on the corners as shown.

I did use a couple of extra pieces of cardboard to support the leg and level them.

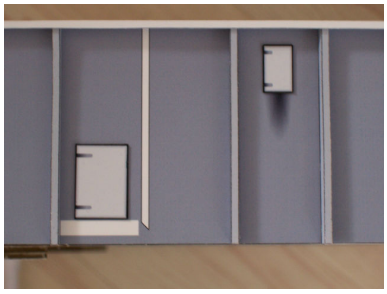


When completely dry put the platform on its legs.
This is how it should look like.



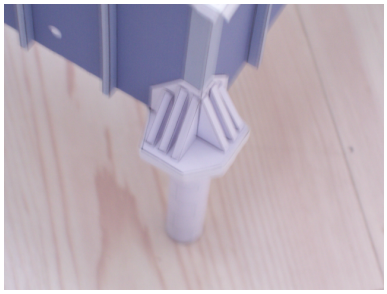
Glue parts #22 (58 x) to the side of the platform.

The two parts #23 are located on the right hand side of the big doors and are glued when the stairs are finished.

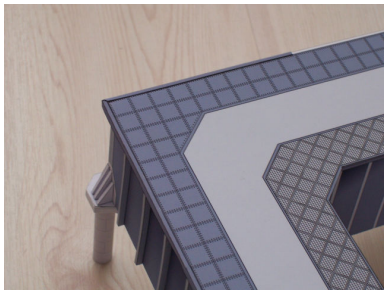


Make the doors #24 (2x) and #25 (4x) from a double layer of paper, cut them and glue them in place.

Please note that part #23 is not glued in place at this moment.

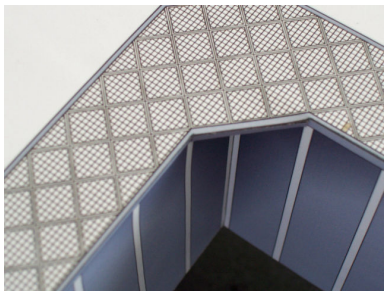


Glue parts #26 and #27 together and glue them on the legs as shown.
For each leg you need part #26 , 4 times and part #27 twice.

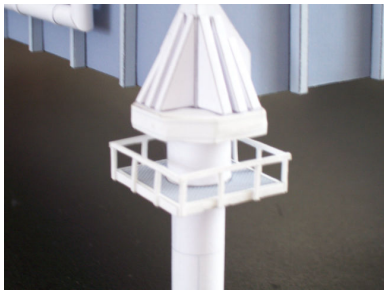


Glue parts #28 on the platform corners.
Glue part #29 between parts #28.

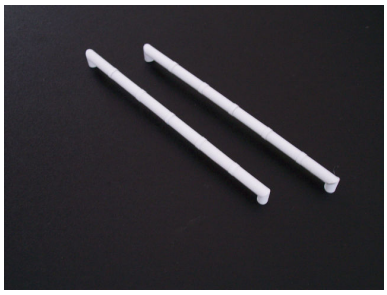
Note : Parts #29 are to long, this is no mistake (I try to compensate for various kind of paper thickness) and therefore needs trimming.



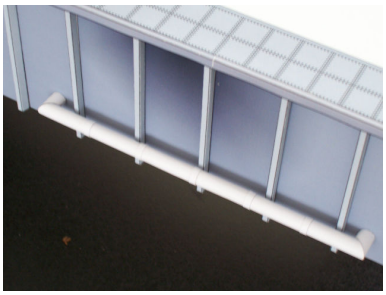
Glue parts #30 together and glue them into the corners.



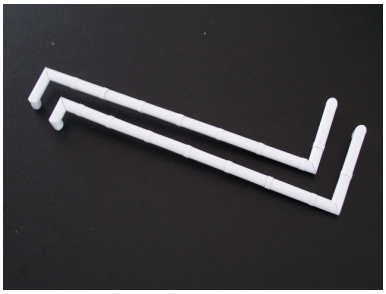
Glue the platforms to the legs as shown.



Make the first set of pipes according to the instructions on the parts sheet.
This should be the end result.



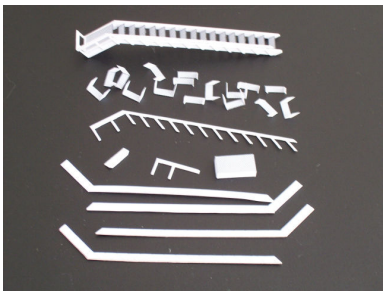
Glue those pipes to the sides of the base.



Make the second set of pipes according to the instructions on the parts sheet. This should be the end result.

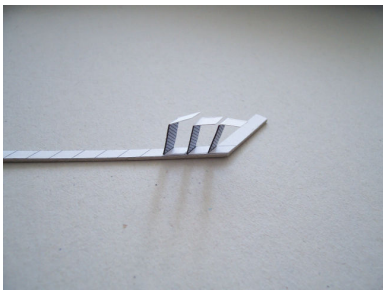
Note : Picture only shows one set, you should have two.

Glue those pipes to the other two sides of the base.



Next step are the stairs.

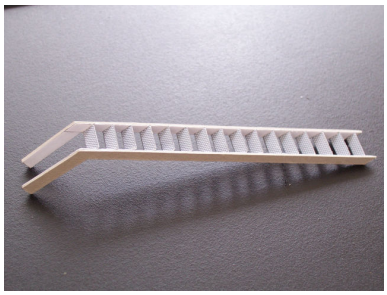
On the picture you see all the parts to make one stair and a completed one in the background.



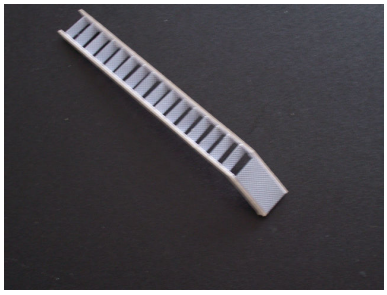
Start with gluing parts #1 together.

Glue parts #2 and #3 to thin cardboard.

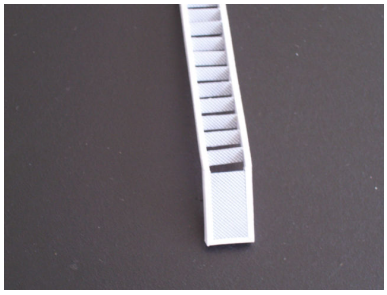
Glue parts #1 to part #2 as shown.



When all parts #1 are glued to part #2, glue part #3 to the other side of parts #1 as shown.

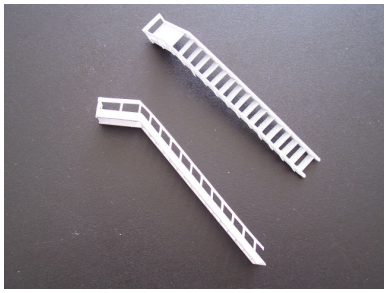


Glue platform part #4 between parts #2 and #3.



Glue parts #5 and #6 to parts #2 and #3.

Part #7 is glued between parts #5 and #6 on the platform and needs trimming to fit.



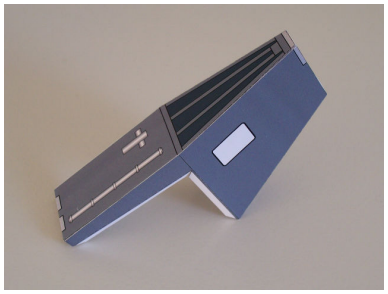
Glue parts #8 and #9 to a piece of scrap 220 – 240 grams paper.

When dry cut them and glue to the sides of the stairs.

Glue the finished stairs underneath the big doors.

Trim parts #23 and glue in place.

On with the hold down arms.



Fold and glue parts #1 and #2 together as shown.

Glue parts #3, #4, #5 and #6 to cardboard.

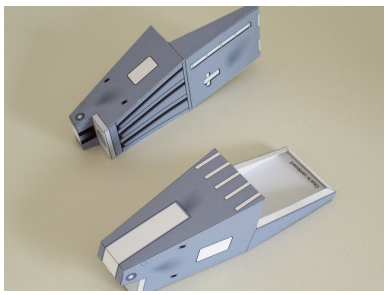
When dry glue parts #3 inside part #1 and #2 as shown.

Next glue parts #4 inside part #1 and #2.

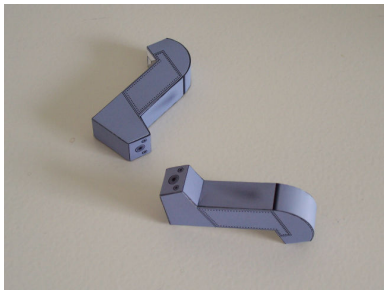
Parts need trimming depending of the thickness of the cardboard used.

Glue parts #5 and #6 inside parts #1 and #2

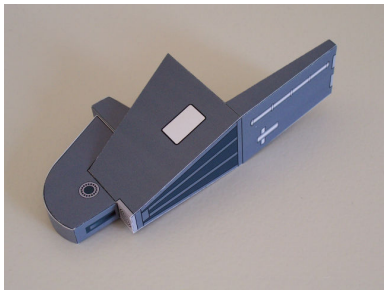
Parts need trimming depending of the thickness of the cardboard used.
Make sure parts #5 and #6 do not block the tabs on part #1.



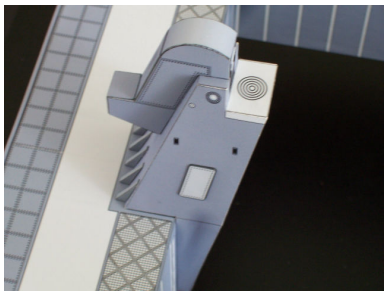
This should be the result so far.



Cut, fold and glue parts #7 and #8 together.



Glue the previous set to parts #1 and #2.



Glue the hatches part #9 and #10 to the sides of part #1.

Glue the completed hold down arm to the base.

Glue parts #31 to the hold down arms as shown.

READY.