



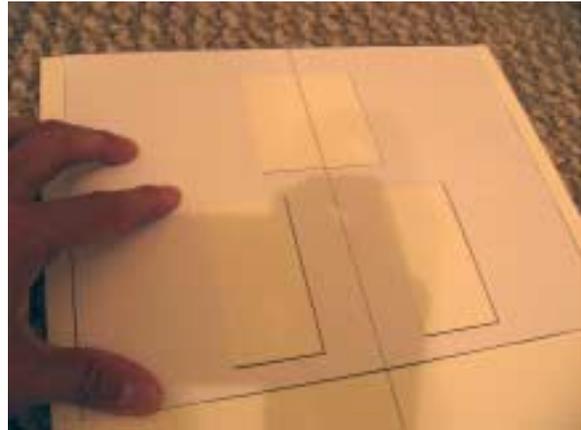
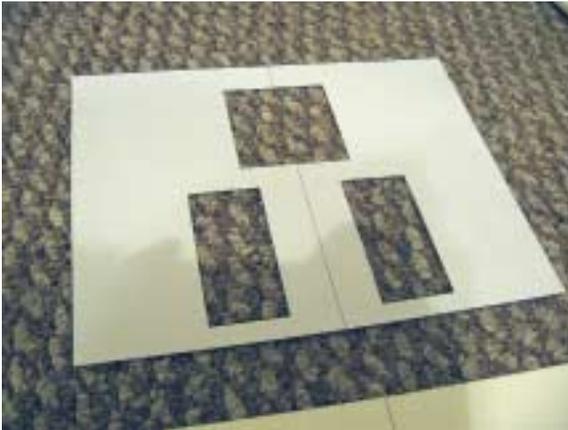
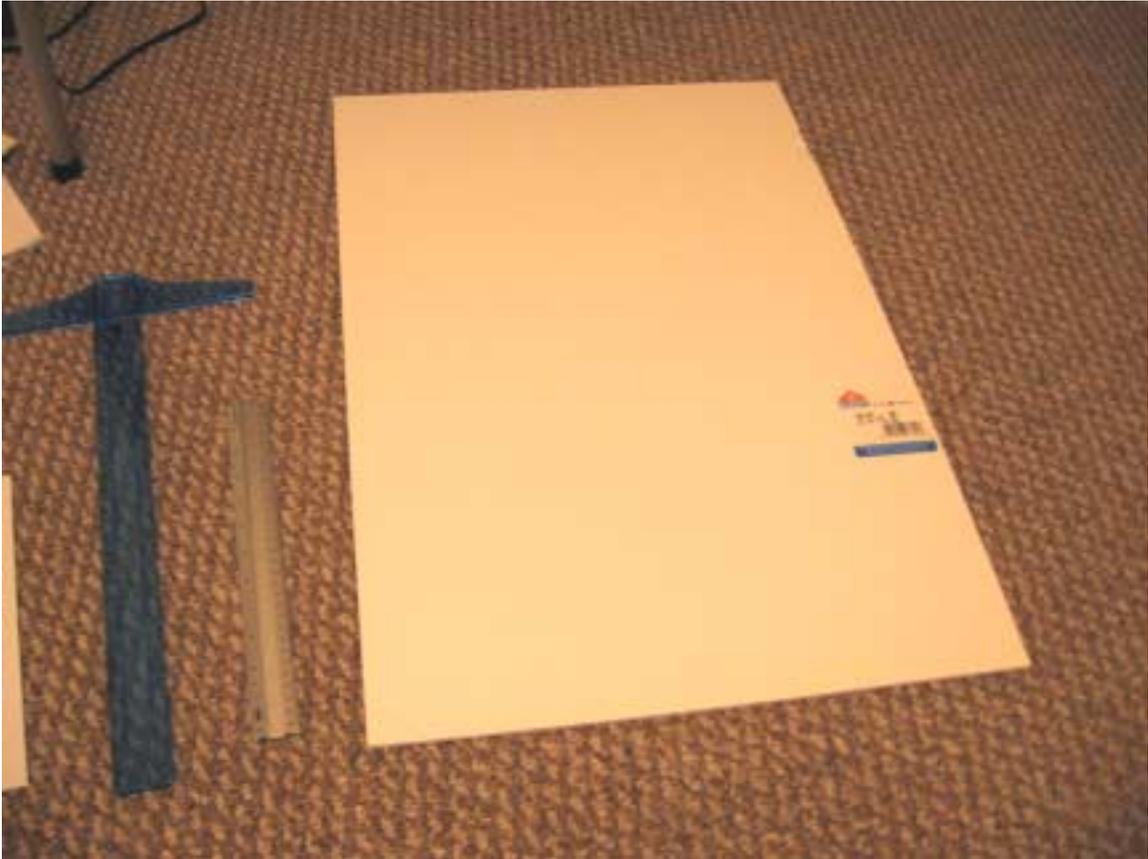
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## Assembly Instructions for the Mobile Launch Platform (MLP)

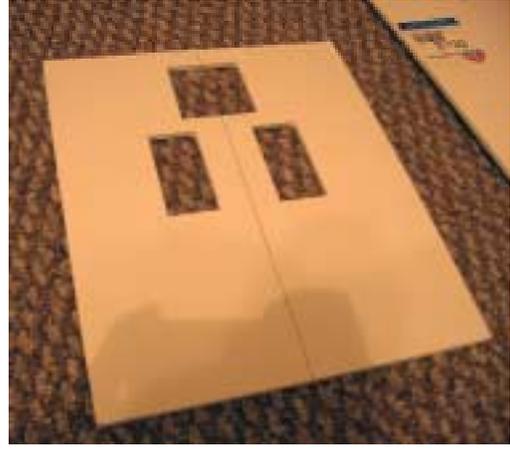
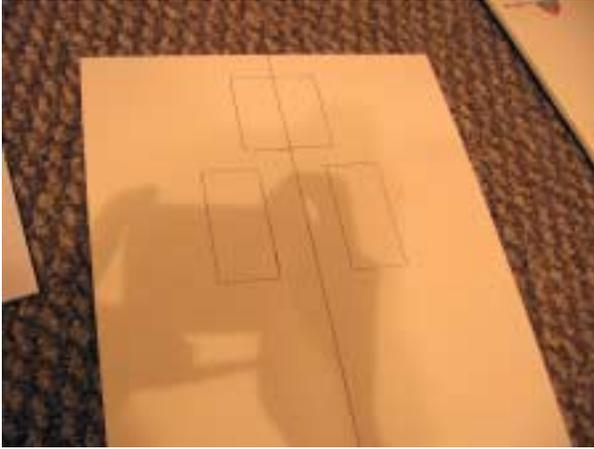


**IMPORTANT:** Check the MLP General file document, which shows the MLP model dimensions and material to use. (Foam board)

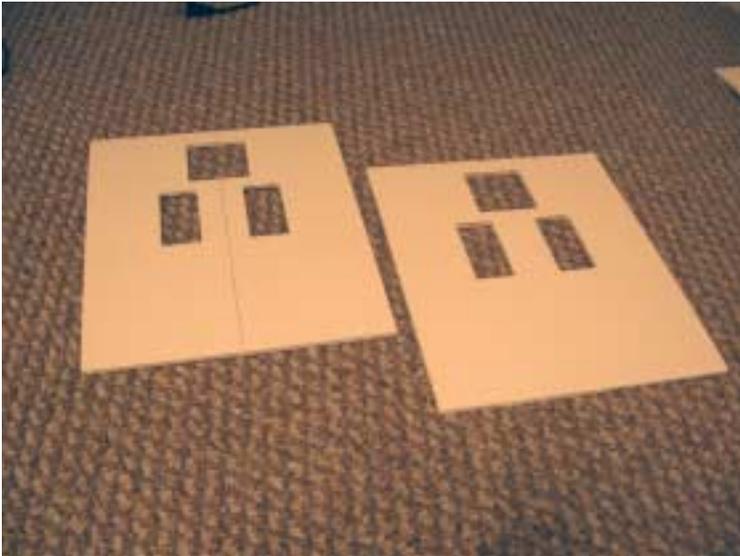
## Building the MLP Box Platform



Get a foam board or any heavy cardboard and cut all pieces as indicated in the MLP General file document. Place the first template (shown on left) on top of the first part and mark the rectangular holes with a pencil.

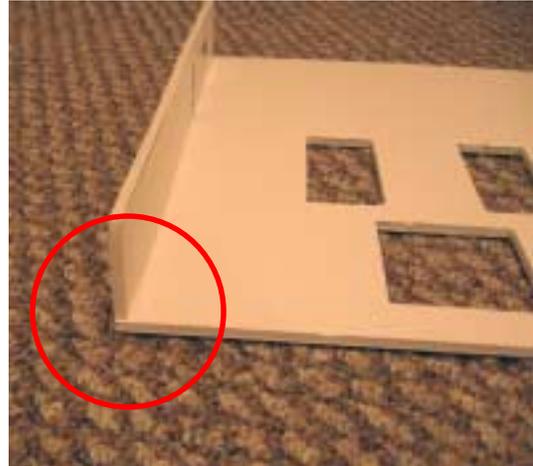


Cut out the rectangular holes from the first board element.



Make another exact part using same procedure.

Next, glue the sides on top of the main part. Notice photo on the right that shows how the side is glued **on top**.

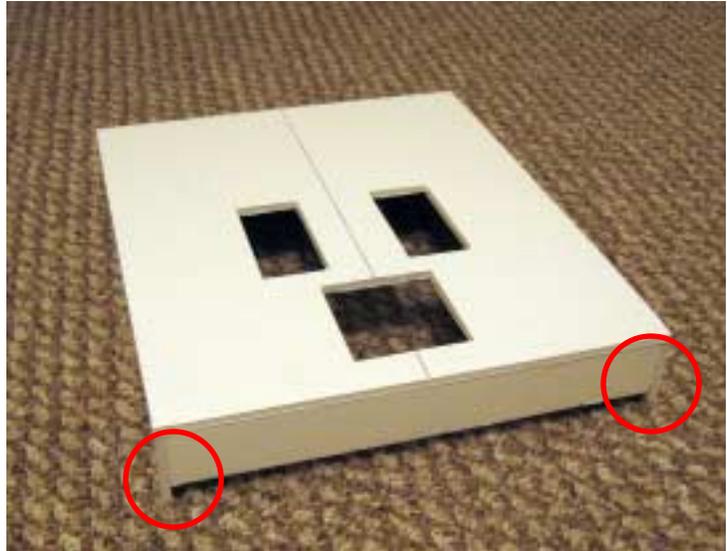
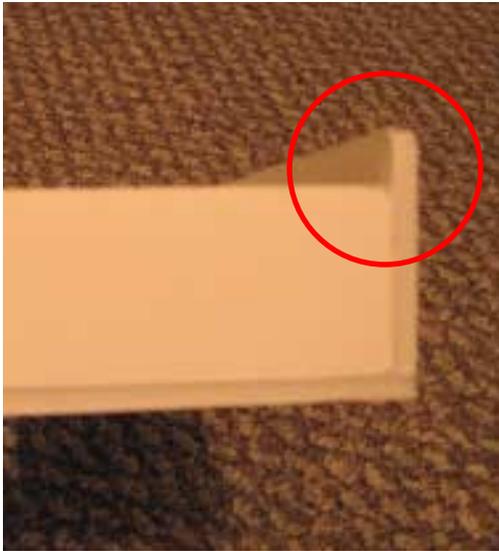




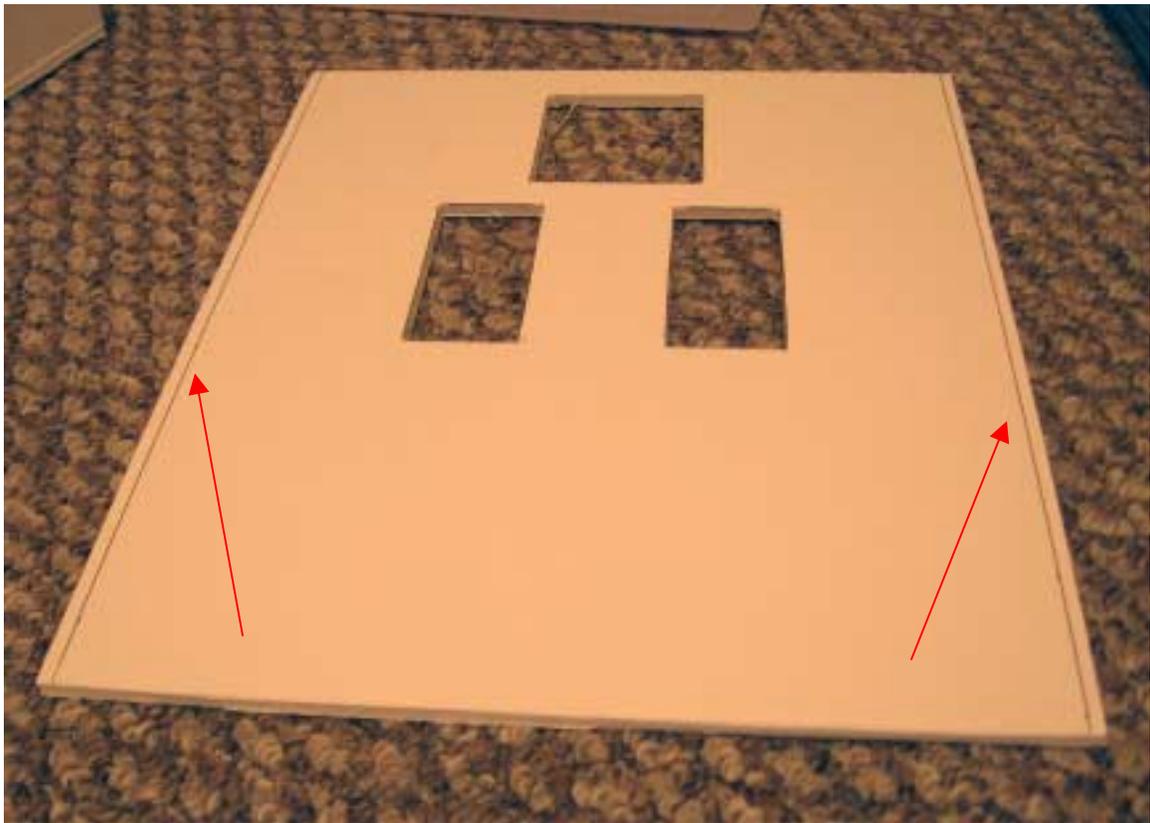
Next, glue the back part of the box. Notice that if cut with exact dimensions it will fit between the sides.



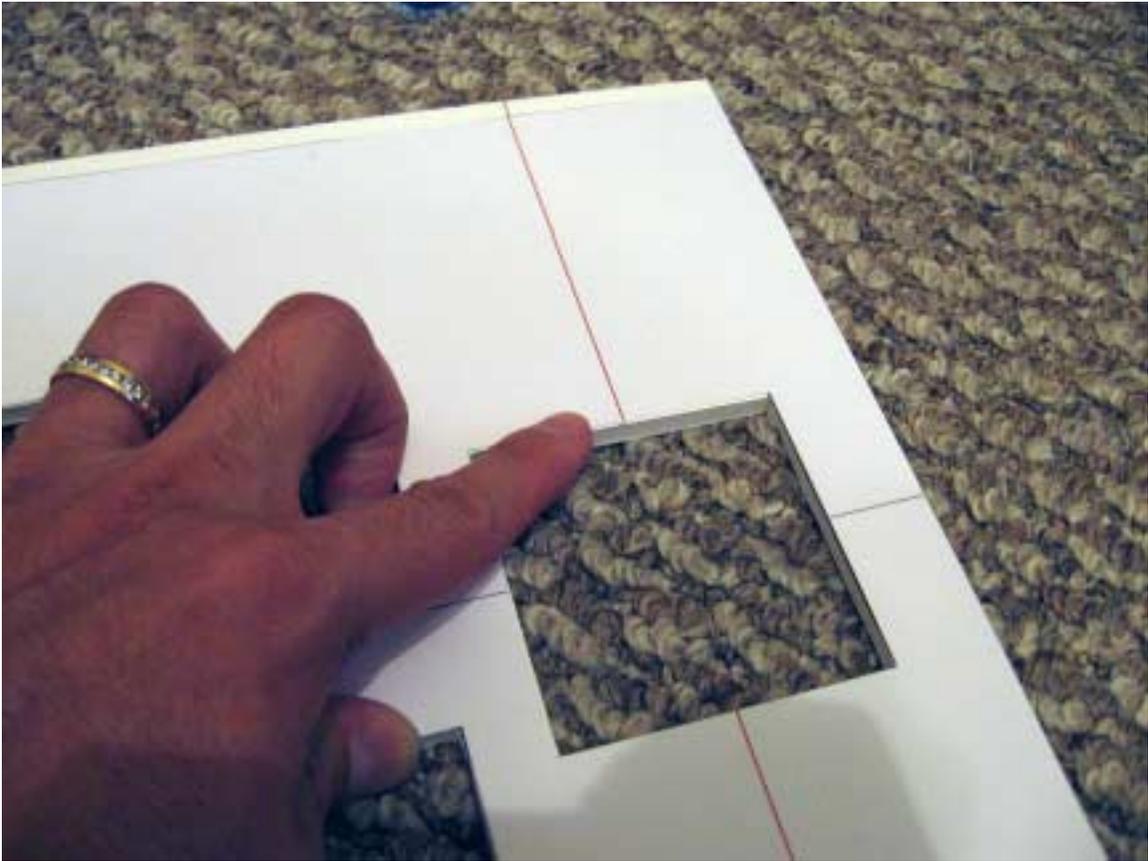
Next, glue the front part of the box. This part is glued in between the sides. This is considered Side 1 of the MLP. Notice the relationship with the holes.



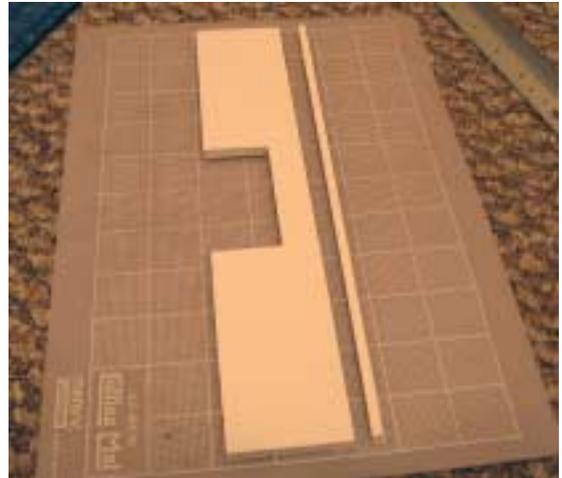
Notice how the front part of the box will look like.



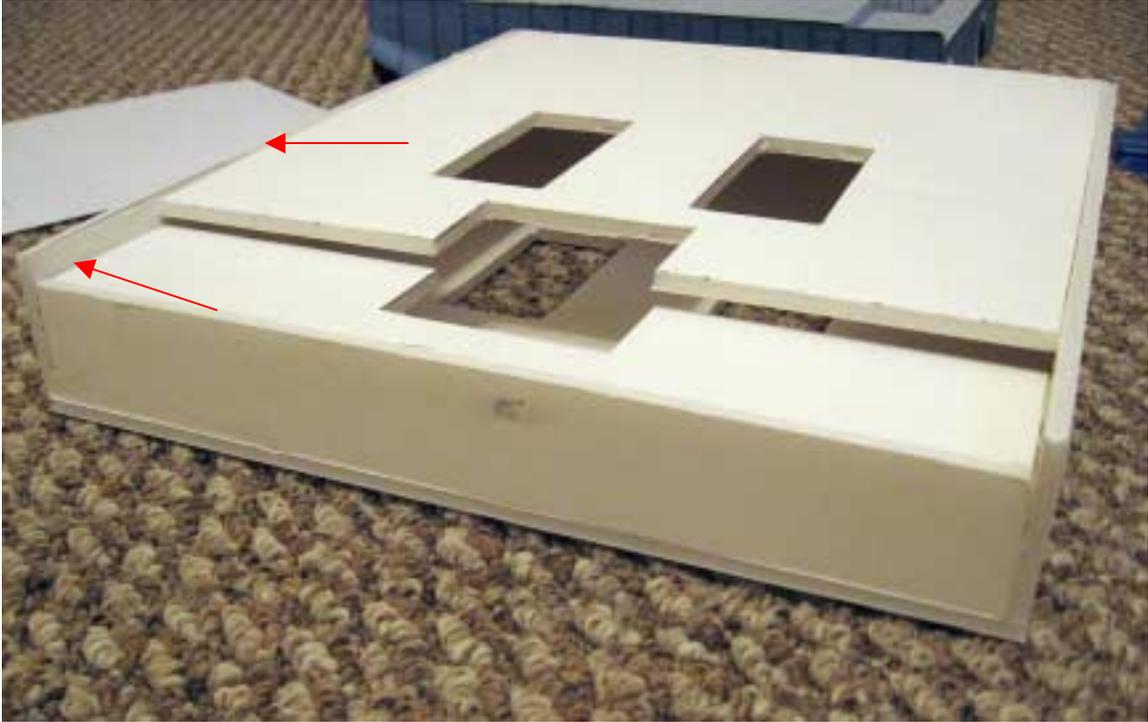
The second part of the box will be considered as the bottom. Mark parallel lines with a 5mm gap from the sides and cut out these lines with a craft knife.



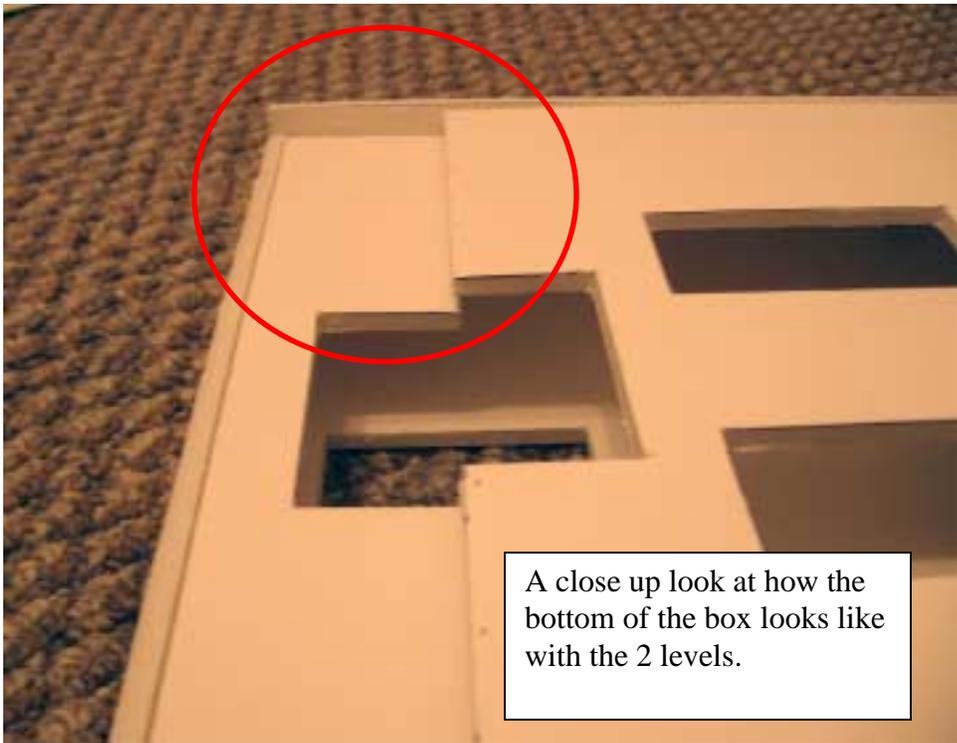
Use the template again and put it on top of this part and mark a line as the red line indicates.



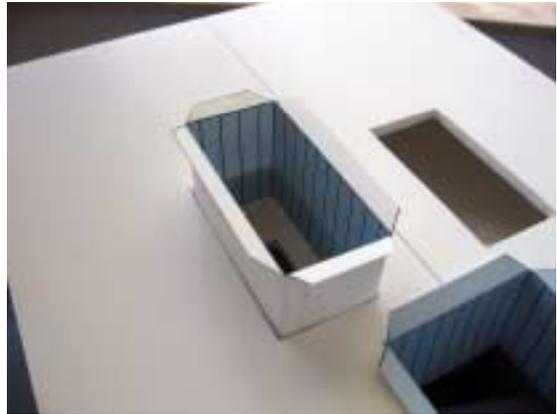
Left photo shows that this part now is divided in two. Right photo shows that a 5mm gap needs to be cut out from this new front division.



IMPORTANT: Notice how these 2 parts are glued at a different level.



A close up look at how the bottom of the box looks like with the 2 levels.



Photos show how the SRB and Shuttle Main Engine exhaust holes are positioned in the box.